



World Military Expenditures and Arms Transfers 1988

Foreword, Highlights, Charts, Statistical Notes

Briefs on:

- Ballistic Missile Proliferation in the Developing World
 - High Costs of the Persian Gulf War
-

Tables of Military and Economic Variables
for 144 Countries, 1977-1987

World Military Expenditures and Arms Transfers 1988

U.S. Arms Control and Disarmament Agency

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Foreword

I am pleased to present the 19th edition of our annual publication, *World Military Expenditures and Arms Transfers*. This series has helped analysts and scholars for over two decades overcome the general scarcity and uneven quality of publicly available data on world military spending and arms transfers. This year's document continues the tradition of providing important information concerning the military priorities and participation in the international arms trade of all nations.

Among the many findings in this report, five are especially significant for arms control and this Agency's future endeavors:

- **Total world military spending passed the one trillion dollar mark in 1987.** With nearly 5-1/2 percent of the world's aggregate product going to military purposes, this milestone dramatizes the immense resources the world is investing in national security.
- **However, world military spending virtually stopped growing in 1987 for the first time since 1971.** This gives cause for some optimism because it took place even before events in 1988 that reduced East-West tensions and regional conflicts.
- **The main reason for the global slowdown is that total military spending by the developing countries is now declining.** This downturn in the developing countries, particularly among those in the Middle East, may well have been furthered by temporary factors, such as a recession in the developed world, a decline in oil and other primary commodity prices, and high debt-service burdens. Even if temporary, the spending lull in the developing world may offer an opportunity to develop and institute new international security conditions that could help forestall a resurgence in military spending.
- **During the eight years of the Iran-Iraq war, arms acquired by the two belligerents came from some 41 countries, 28 of which supplied both sides and accounted for 93% of the total.** The changing nature of the world arms trade is reflected in the growing number of arms suppliers and their greater willingness to sell arms to both sides of a conflict.
- **At least 16 developing countries have acquired or are now acquiring or developing their own ballistic missiles.** The dangers to regional security posed by the proliferation of these weapons is becoming more apparent to all.

Taken together, these five findings suggest that the time is right to seek new means of controlling arms, while continuing to pursue existing multilateral and bilateral disarmament talks. Developing effective and acceptable measures which could lead to a reduction in conventional arms will require much hard work and innovative policy on the part of all members of the international community. The United States Arms Control and Disarmament Agency will do its best to further the goal of the United States to make the international security environment less burdensome and more secure.



Ronald F. Lehman II
Director

Preface

This report, the nineteenth in the series issued by the Arms Control and Disarmament Agency, provides a convenient reference on military expenditures, arms transfers, armed forces, and related economic data for 144 countries over the 1977-1987 decade. We have continued our efforts to provide comprehensive, up-to-date, and accurate data and to include interesting and pertinent analyses. This issue includes two brief topical analyses and the usual statistical tables, including coverage of both arms deliveries and arms agreements through 1987.

Comments and questions regarding this publication are welcome. They may be directed to:

U.S. Arms Control and Disarmament Agency
Washington, DC 20451

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Highlights

Military Expenditures

Global Trends

Military spending by all countries of the world reached one trillion dollars in 1987 for the first time. This milestone has loomed near in several past editions of this report but was never reached despite a steady 2.8% average rise of military spending in constant dollar terms through most of the previous decade (Table 1). The seeming inconsistency between the persistent spending growth and the failure of spending levels to advance is due

to the fact that the US dollar appreciated continually from the late 1970s through 1985. This reduced the value of other major currencies and depressed the entire series of world dollar aggregates in each succeeding edition. With the drop in the value of the dollar to more realistic levels since 1985 and with the change to the use of 1987 exchange rates in this edition, world aggregates in dollars have risen to new heights.* Figure 1 shows world military spending trends in both current dollars, reflecting inflation, and constant dollars, based on 1987 exchange rates.**

At the same time, world military spending in constant dollars slowed after 1985 and virtually stopped growing in 1987. While the average growth rate in the second half of the decade was 1.8%, it was only 0.2% in 1986 and zero in 1987. This represents the first time world military spending in real terms has failed to grow appreciably since 1971, when the US was reducing its spending from the Vietnam War peak.

Military spending by the developed countries continued to rise throughout the decade, reaching a new high of \$844 billion and 83% of world military spending in 1987. Some signs of slowdown are also apparent here, however; the average growth rate dropped from a hefty 2.9% for the second half of the decade to 1.9% in 1985-87.

The global slowdown is mainly due to a pronounced declining trend in developing country military spending, as is evident in Figure 1. This total began levelling off after 1982, and, after a slight peak in 1984, has been declining at an accelerating rate: 2.0% in 1985, 5.8% in 1986, and a sharp 9.1% in 1987. Although these findings, especially the most recent, rely partly on rough estimates based on

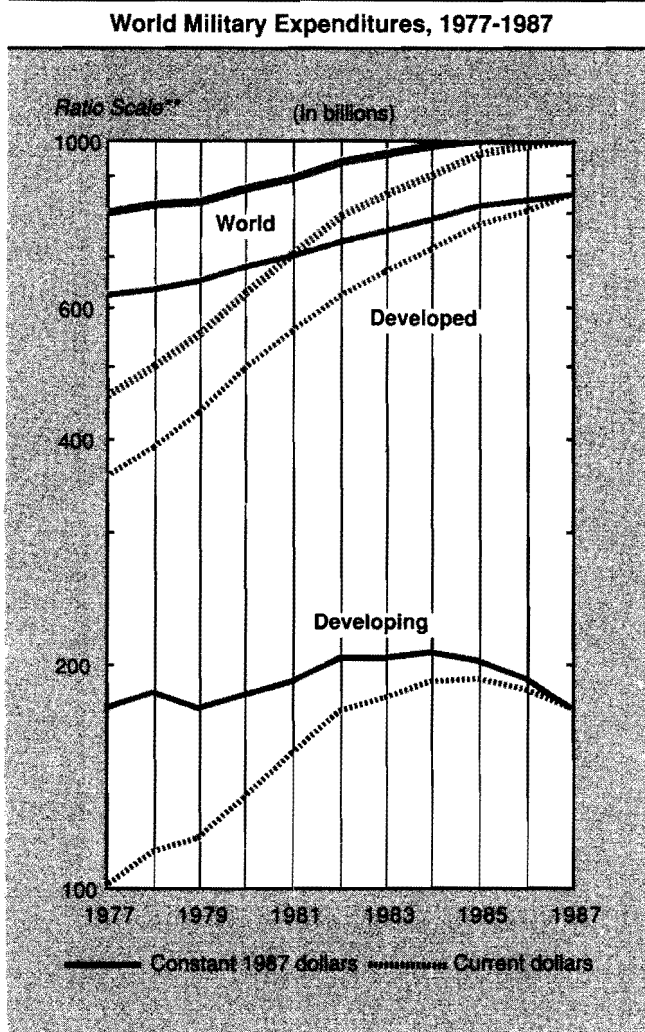


Figure 1

* See Statistical Notes, Conversion . . . to Dollars, for a discussion of the effects of exchange rate changes.

** The logarithmic or ratio scale used in this and other figures is designed to facilitate growth rate comparisons. A ratio scale is compressed as values increase so that equal vertical distances show equal ratios of value and equal slopes show equal growth rates anywhere on the chart.

insufficient information, the world trend seems clear. Among the diverse reasons for the downturn, a major one is undoubtedly the depressed economic conditions in the developing world that brought about a declining average per capita GNP in 1981-1983. Such factors as developed-country recessions that contracted export markets, drops in prices of oil and other primary export commodities, and high debt-service burdens played a role.

Table 1.
Military Expenditures: Shares and Growth
(In percent)

	World Share		Real Growth Rate*	
	1977	1987	Decade 77-87	2nd Half 82-87
World	100.0	100.0	2.8	1.8
Developed	78.4	83.0	3.3	2.9
Developing	21.6	17.0	0.9	-2.8
Region:				
Africa	1.6	1.4	0.7	-1.3
East Asia	6.9	6.9	2.4	1.9
Europe, all	55.2	51.7	1.8	1.4
NATO Europe	14.7	13.9	1.9	1.1
Warsaw Pact	38.3	35.9	1.8	1.6
Other Europe	2.2	2.0	1.7	0.5
Latin America	1.5	1.5	4.5	-1.3
Middle East	10.5	6.6	-0.7	-6.9
North America	22.8	30.0	6.1	5.3
Oceania	0.5	0.6	4.5	3.8
South Asia	0.9	1.3	6.0	6.9
Organization				
NATO, all	37.5	43.9	4.5	3.9
Warsaw Pact	38.3	35.9	1.8	1.6
OPEC	8.9	5.6	-1.1	-7.6
OECD	41.6	48.7	4.5	3.8

* Average annual rate, calculated as a compound rate curve fitted to all points. (See Statistical Notes.)

Regional and National Trends

Among the developed regions, **North America (mainly the US) lowered its high rate of military spending growth** from over 6% in the entire 1977-1987 period and over 5% in the second half of the decade to 2.5% in 1985-87 and 2.1% in 1987 (Figure 2 and Main Table I).

In 1987, overall NATO and Warsaw Pact military spending grew at nearly the same rate, 2.2% and 1.9% respectively. For the last half of the decade, however,

NATO spending grew at 3.9% compared to 1.6% for the Pact. NATO spending, like that of the U.S., grew most rapidly in 1979-1985 at 5.3%, but slackened in 1985-1987 to 2.0%. European NATO grew more modestly by 1.9% over the entire decade and by 1.1% in the last half. Spending by the rest of Europe other than NATO or the Pact was nearly level over the second half of the decade and dropped by 3.4% in 1987.

Among the developing regions, **South Asia retained the distinction of having the world's fastest growing rate of military spending**, 10.3% in 1987. With by far the largest military budget in the region, India increased its spending for defense by 10.5% to \$9.6 billion. Pakistan increased its spending to \$2.2 billion, an increase of 6.5% over 1986. Over both the entire decade and the last half, the region's spending growth rate averaged 6-7%.

East Asian military spending dropped slightly in 1987, although growth was fairly steady for the remainder of the decade, as Figure 2 shows. The latter trend reflects the

Military Expenditures by Region, 1977-1987

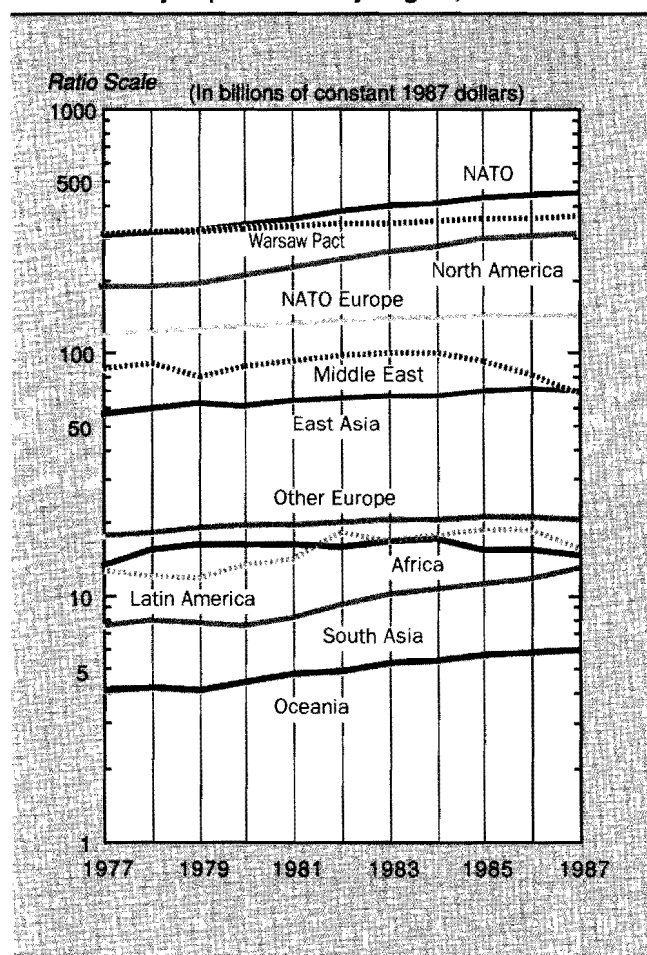


Figure 2

Leading Military Powers, 1987

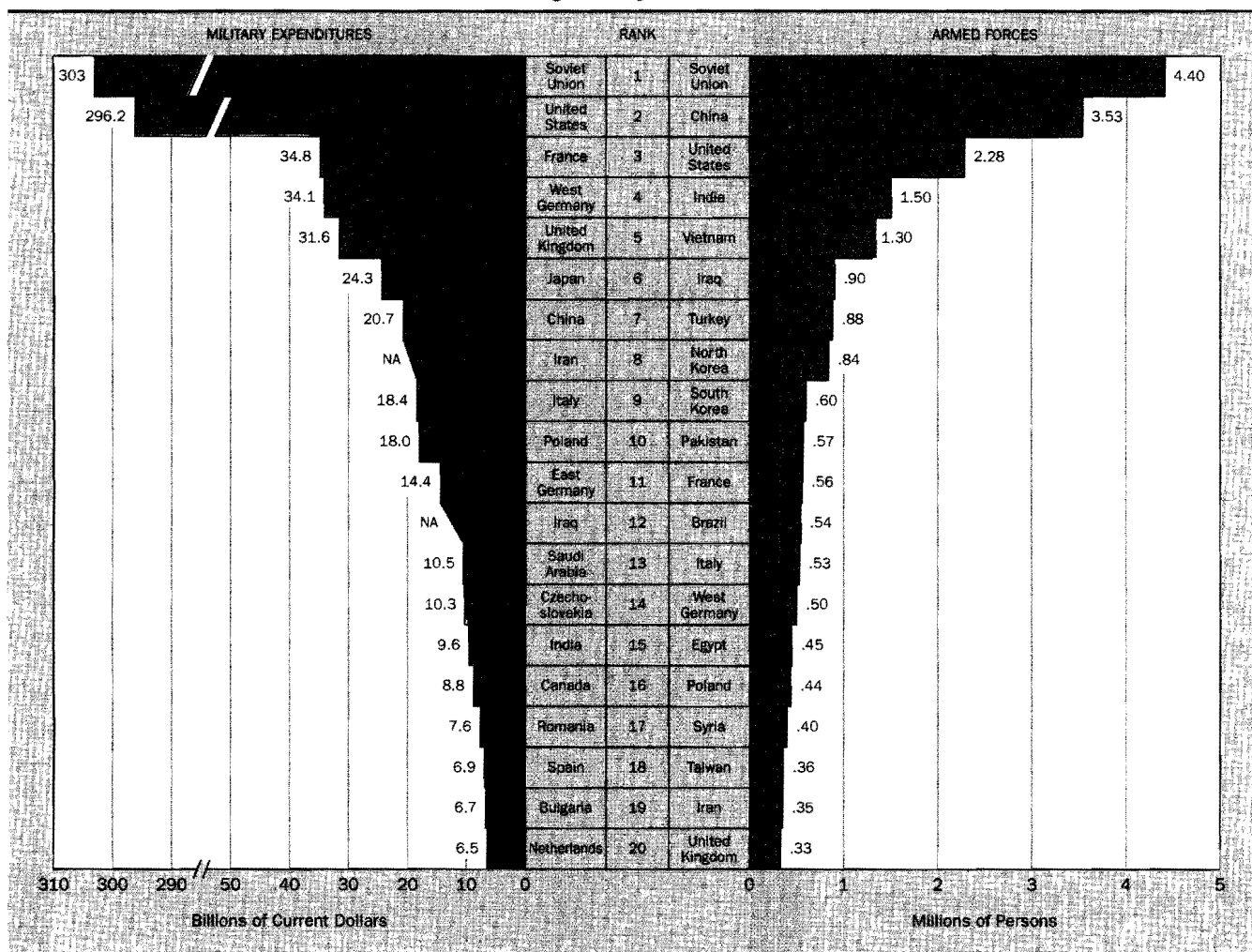


Figure 3

weighty influence of Japan's traditional growth rate of about 1%, together with a gradual decline in China since 1979.

In other developing regions, military spending declined. **Middle East military spending declined sharply**, by 15% in 1987 and by 12% annually in 1984-87, after reaching a high plateau in 1982-1984. It should be cautioned that these figures rely on rough estimates for many countries in the region. Nevertheless, a declining trend seems clear. Since Middle East military spending made up 48% of the developing world total in 1984, the sharp decline thereafter was very influential in bringing down the developing countries share of world military spending over the decade from 22% to 17%.

Among the 16 Middle East countries, it is estimated that military expenditures in 11 of them declined in 1987, while 13 experienced declining growth rates during the 1984-87 period. Saudi Arabia, Iraq, Syria, Jordan, Israel,

Oman, and Kuwait are among the countries that declined most rapidly since the 1984 peak.

African and Latin American military spending have been dropping since they peaked in 1984 and 1985, respectively. Over the last half-decade, both have declined an average 1.3%.

In terms of military spending by country, **the Soviet Union outspent all other countries in the world**. Its defense outlays grew by 2% and totaled more than \$303 billion in 1987. US military spending for the same year followed close behind, growing by 2.1% and reaching a total of \$296 billion. Defense expenditures by the Soviet Union and the United States outstrip the next largest military spenders by a factor of more than eight and one half, as can be seen in Figure 3.

Since the 1987 edition of *WMEAT*, there have been

several significant changes in the ranking of countries by the amounts they allocate for their military programs. (This is in large part due to the shift in this edition to 1987 exchange rates, as noted above; see also the discussion of the impacts of this shift in Statistical Notes, Conversion...to Dollars.) While the Soviet Union and the US have maintained their rankings as the world's biggest military spenders, the People's Republic of China fell from

the number three position to the seventh and Saudi Arabia dropped from number five on the list to number thirteen. France and West Germany climbed from the sixth and seventh spots in 1985 (the ranking year in *WMEAT 1987*) to the third and fourth positions in 1987. Japan's rise is equally noteworthy—from number ten in 1985 to number six in 1987—while still adhering to a national policy of limiting its military expenditures to 1% of GNP.

Armed Forces

The world's armed forces reached a new peak of 29.3 million persons in uniform in 1986 before slipping to 29.1 million in 1987 (Main Table I). The world total grew at an average 1.3% annually over the entire period reported here (1977-1987), as well as over the near-term 1982-87 period (Table 2).

The 1986-87 decline in the world total occurred primarily in East Asia and specifically in China. Whether this one-year decline foreshadows a topping-out of the size of the world's armed forces remains to be seen. There remains, of course, the Soviet Union's 1988 announcement of a planned 500,000-man reduction (11%), as well as possibilities for further reductions resulting from new or ongoing negotiations. On the other hand, these recent or planned drawdowns may turn out to be one-time adjustments in NATO and Warsaw Pact force levels, while an overall worldwide advance continues.

The developing countries accounted for most of the world's growth in armed forces over the decade. Their share of the world's armed forces is thus expanding and, at 62.5%, is now approaching the two-thirds mark.

The Middle East continues to have the highest growth rate in the size of its armed forces, both for the decade as a whole (4.9%) and especially for the past five years, when it reached 6.9% annually. This was due in large part to Iran's 9.0% and Iraq's 18.2% annual increases in the 1982-87 period. For 1987, Iraq continues in first place in terms of armed forces per thousand population (53) while Iran has slipped to 60th place with 7 soldiers per thousand. Lebanon, Jordan, Saudi Arabia and Syria also increased their forces at a rate of 4% or more in this period.

Africa's armed forces also grew rapidly, particularly during the last five years when the rate was 4.4%. Growth for the full period (1977-87) was a more modest 3.2%. This is down from the 4.2% in the 1975-85 decade reported in the previous edition and it appears that the continuing drop in military spending there is finally being reflected in a lowering of military force levels.

Table 2
Armed Forces: Shares and Growth
(In percent)

	World Share		Growth Rate*	
	1977	1987	Decade 77-87	2nd Half 82-87
World	100.0	100.0	1.3	1.3
Developed	38.5	37.5	1.0	0.7
Developing	61.5	62.5	1.4	1.7
Region				
Africa	5.1	6.0	3.2	4.4
East Asia	30.4	27.8	0.2	-0.6
Europe, all	35.8	34.3	0.8	0.5
NATO Europe	12.4	11.6	0.7	0.7
Warsaw Pact	20.1	20.1	1.2	0.9
Other Europe	3.4	2.6	-1.3	-2.8
Latin America	5.6	6.2	2.9	2.0
Middle East	6.0	9.2	4.9	6.9
North America	8.3	8.1	1.2	0.8
Oceania	0.3	0.3	0.3	-0.4
South Asia	8.4	7.9	1.4	4.0
Organization				
NATO, all	20.7	19.7	0.9	0.8
Warsaw Pact	20.1	20.1	1.2	0.9
OPEC	5.3	7.6	4.8	8.7
OECD	24.0	22.5	0.7	0.4

* Average annual rate, calculated as a compound rate curve fitted to all points. (See Statistical Notes.)

South Asia's armed forces grew at 1.4% for the full period, a rate identical to that of the category for developing countries. However, the 4.0% rate of growth for the 1982-87 near term reflects the conflicts and tensions in the area during that period. India's forces expanded at a rate of 6.2%, well above the regional average. Pakistan, on the other hand, experienced a slight decline (0.5%) during this period.

The total armed forces of European countries other than those in NATO or the Warsaw Pact continued a moderate decline, at a 1.3% rate for the decade and 2.8% for the most recent five years. The countries in this group with the largest declines during this last half-decade (7% to 4%) were Ireland, Malta, and Switzerland.

East Asia has shown little growth for either the near term (-0.6%) or the full term (0.2%). China's continued shrinking of its armed forces was offset by increases in the armed forces of Vietnam, North Korea and others. China has not lost its rank of second in overall size of the armed forces (3.5 million), and is outranked only by the Soviet Union (4.4 million). The United States is third with 2.3 million (Figure 4).

All of the organizational groupings listed in this report—NATO, Warsaw Pact, OPEC, and OECD—had expanding armed forces during both the full decade and its latter half, but the OPEC rates (4.8% and 8.7% respectively), were especially large (Table 2).

Developing countries generally possess the world's largest armed forces. China, India, and Vietnam were among the top five countries in 1987. The next six—Iraq, Turkey, North Korea, Iran, South Korea and Pakistan—exceed such military powers as France, Italy, and West Germany. Fifteen of the twenty largest armed forces in 1987 belonged to developing countries.

The ratio of a country's armed forces to its population provides a useful indicator of national military burden and effort. A comparison of armed forces, population, and resulting "force ratio" trends shows some significant differences between the developed and developing country groupings (Table 3).

Although the armed forces of developing countries are growing rapidly, more so than those of developed countries, the population of developing countries is growing even more rapidly. **The force ratio of the developing countries is therefore declining.** In the developed countries, on the other hand, armed forces grew faster than population for the decade as a whole and at about the same rate in the latter

Table 3
Force Ratio Trends

	Amount			Growth Rate* (%)	
	1977	1982	1987	Decade 77-87	2nd Half 82-87
Armed Forces: (In millions)					
World	25.8	27.6	29.2	1.3	1.3
Developed	9.9	10.6	10.9	1.0	0.7
Developing	15.9	17.0	18.2	1.4	1.7
Population: (In billions)					
World	4.23	4.62	5.04	1.7	1.7
Developed	1.06	1.10	1.14	0.7	0.7
Developing	3.17	3.52	3.90	2.1	2.1
Force Ratio: (In soldiers per 1000 pop.)					
World	6.1	6.0	5.8	-0.49	-0.45
Developed	9.4	9.6	9.6	0.26	-0.03
Developing	5.0	4.8	4.7	-0.65	-0.40

* Average annual rate, calculated as a compound rate curve fitted to all points. (See Statistical Notes.)

half. Therefore, the force ratio for the developed world, grew modestly over the entire decade and remained level in the second half.

The force ratio of the developed countries reached a level double that of the developing group in 1982. With a continuation of the disparities in growth rates for armed forces and population, this difference in force ratio levels will increase. That is, in the future the military "burden," as measured by the force ratio, will grow or remain high for the developed group and decline further for the developing. These trends suggest the possibility of long-term military manning problems for developed countries when considered in conjunction with such other tendencies as the aging of populations and increasing military expenditures per member of the armed forces.

Arms Transfers

Total World Trade

In 1987, total worldwide arms transfers began an upward climb after a two year decline (Figure 4). While the world's arms trade has not yet returned to the record level of 1984, data currently available indicates growth on the order of 6.5% between 1986 and 1987. (Due to reporting lags, initial estimates for the latest year are likely to rise somewhat in subsequent estimates.)

World arms agreements, indicators of the general direction if not the precise level of future arms trade, rose between 1986 and 1987 from \$46.2 million to \$56.0 million (Main Table IV). This rise suggests the trade will continue growing.

Arms Imports Trends

Developing country weapons imports, whose slump caused the decline in world arms trade in 1985-1986, have resumed their growth and account for the 1987 world arms market expansion. The value of imports by

developing countries in 1987 rose about 13.8% from the previous year based on available data.

Developed country arms imports maintained a steady level equal to about \$10 billion annually from 1983-1986. Although these arms imports declined by more than 21% between 1986 and 1987 according to initial data, subsequent reports for 1987 are likely to reduce this drop.

The Middle East

The Middle East remains the world's principal market for arms and military equipment (Figures 5 and 6). In 1987, the region as a whole imported some \$17.9 billion in arms—almost 38% of the world market (Table 4). This region's arms trade reflects the overall world trend; it shows an increase over the previous year but not yet a return to the record highs of 1983-1984.

The USSR continued to be the number one arms supplier to the region in 1987 by providing almost 34% of all arms imports to the region. This dominant market

World Arms Imports, 1977-1987

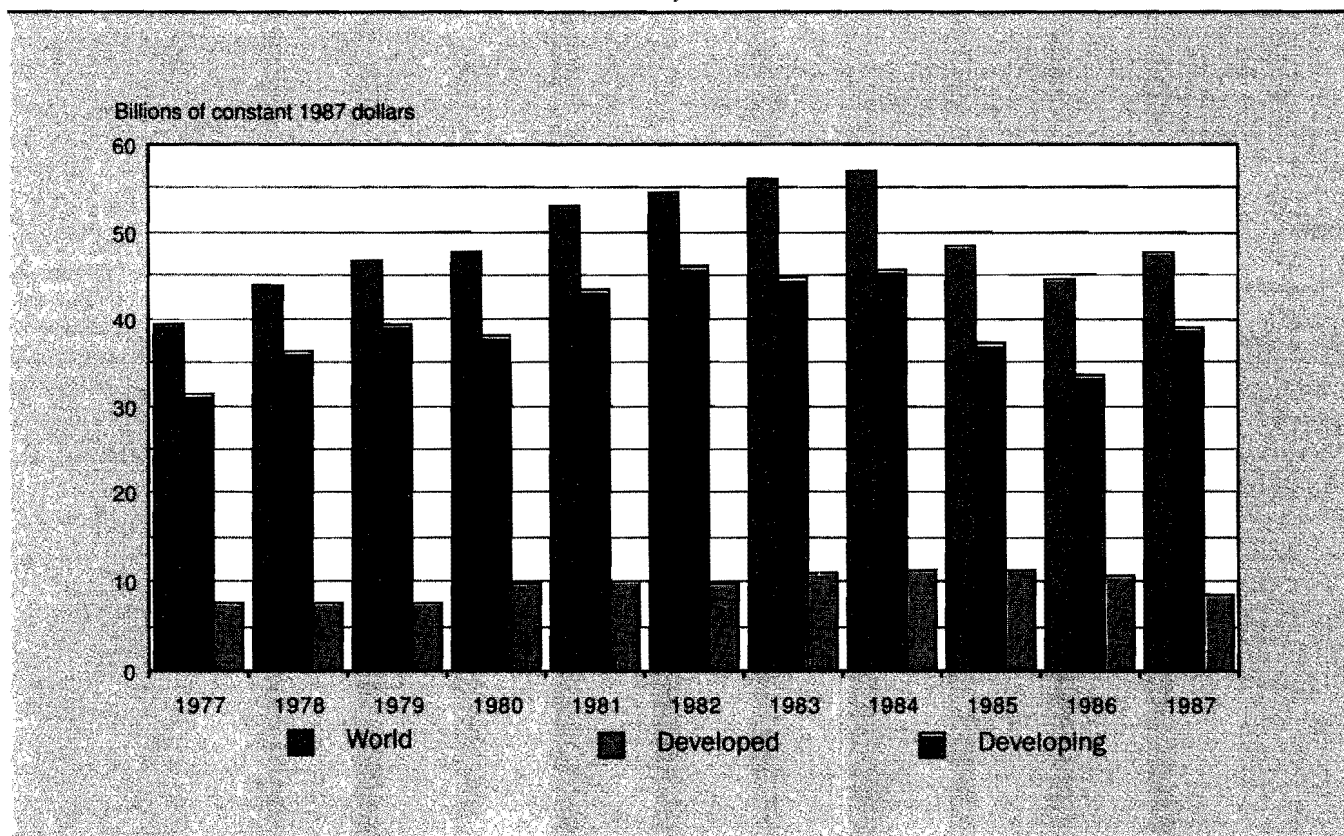


Figure 4

Arms Imports by Region, 1977-87

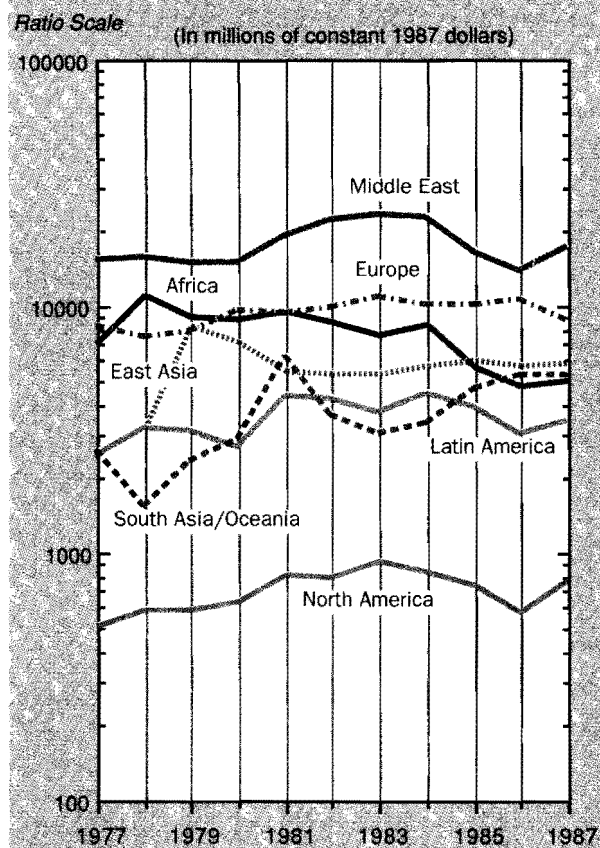


Figure 5

Table 4

World Arms Imports: Shares and Growth
(In percent)

	World Share		Real Growth Rate*	
	1977	1987	Decade 77-87	2nd Half 82-87
World	100.0	100.0	1.4	-4.6
Developed	19.7	17.8	3.2	-2.2
Developing	80.3	82.2	.9	-5.2
Region				
Africa	18.1	10.5	-6.1	-12.3
East Asia	6.4	12.5	4.8	1.9
Europe	21.4	18.7	2.4	-1.9
NATO Europe	7.7	6.9	1.7	-6.5
Warsaw Pact	11.1	7.5	2.1	-1.6
Other	2.5	4.3	3.1	5.2
Latin America	6.4	7.3	2.7	-5.2
Middle East	39.6	37.7	1.4	-8.4
North America	1.3	1.6	3.2	-4.7
Oceania	.8	1.4	9.9	24.1
South Asia	5.8	9.9	10.4	10.4
Organization				
NATO, All	9.0	8.6	2.0	-6.1
Warsaw Pact	11.1	7.5	2.1	-1.6
OPEC	38.7	27.6	-7.7	-9.6
OECD	12.3	15.4	4.5	-0.7

* Average annual rate, calculated as a compound rate curve fitted to all points. (See Statistical Notes.)

World Arms Import Market, 1977 and 1987

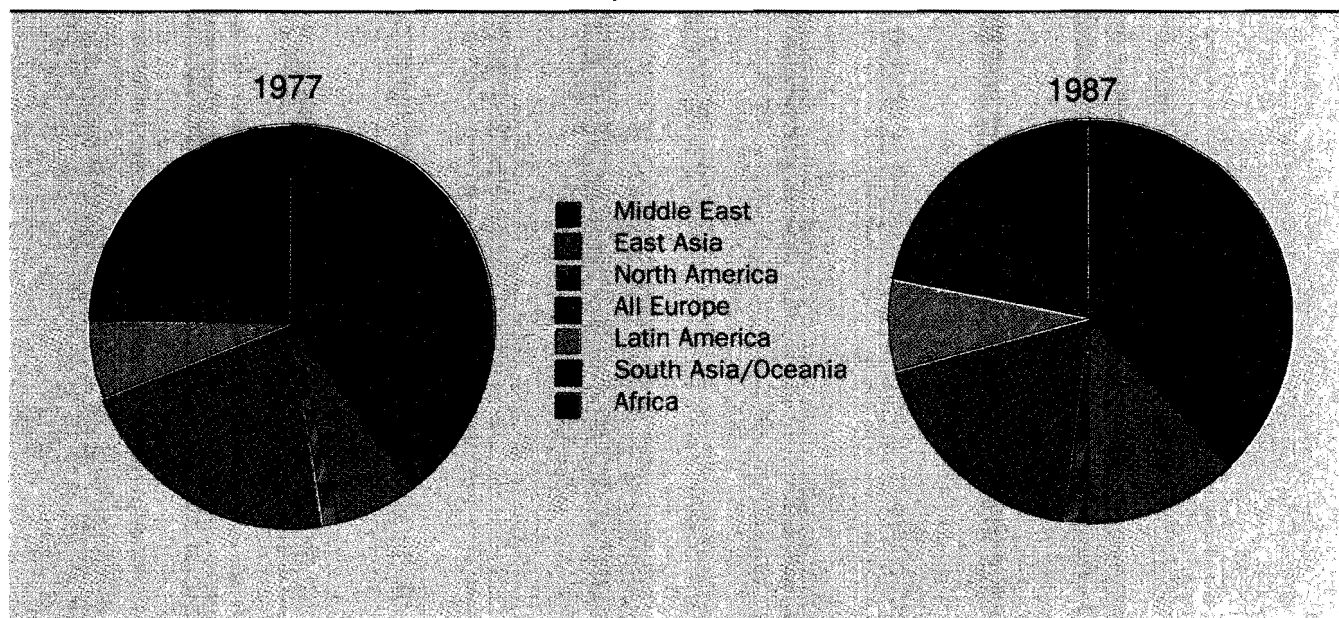


Figure 6

Middle East Arms Import Market, 1987

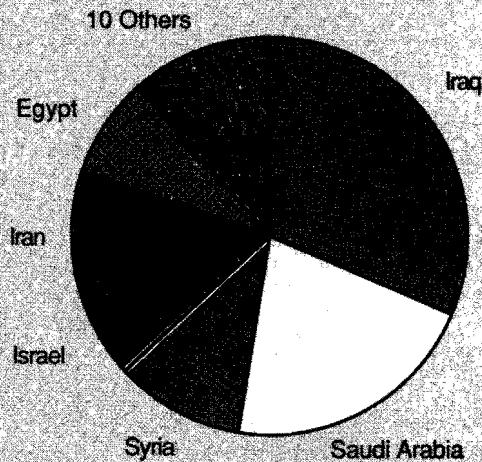


Figure 7

Leading Arms Importers, 1987

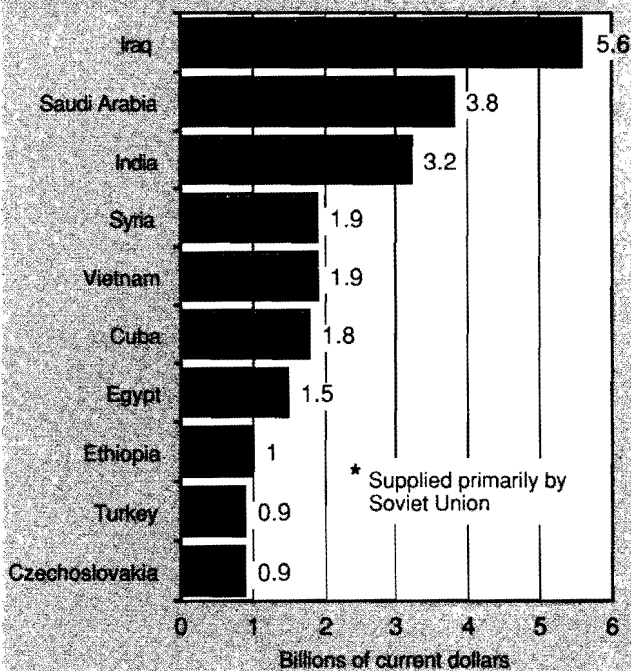


Figure 8

position was enjoyed by the USSR throughout the entire decade. In 1983-1987, the Soviet Union's principal clients in the Middle East included Iraq (\$13.9 billion), Syria (\$8.9 billion), The Yemens (Aden \$1.9 billion, Sanaa \$1.3 billion) and Jordan (\$0.8 billion) (Main Table III).

The next largest arms suppliers to the Middle East in 1983-1987 were the United States and France who supplied 18.7% and 16.5% respectively. The list of the United States' clients includes Saudi Arabia (\$7.2 billion), Israel (\$4.3 billion), Egypt (\$3.4 billion), and Jordan (\$0.7 billion). French arms went primarily to Saudi Arabia (\$6.4 billion), Iraq (\$4.8 billion), Egypt (\$1.6 billion), and Kuwait and Qatar (\$0.5 billion each).

For the entire period 1977-1987, as well as for 1983-1987 and 1987 alone, **Iraq, Saudi Arabia, and Syria stand out as the region's largest importers of arms** (Figure 7). These three countries accounted for 33.2%, 20.4%, and 11.6% respectively, of the region's arms imports in 1983-1987.

Others

The size and importance of the arms market in East and South Asia is increasing. In 1977 for example, East Asia and South Asia represented only 6% of the world's arms import market. Since then, these regions have increased their respective consumption of arms to the point where they now account for 13% and 10% of the world arms market. India and Vietnam are now the third and fifth leading arms importers in the world (Figure 8).

The Soviet Union is overwhelmingly the main arms supplier to both of these regions. As Figure 9 illustrates, Soviet deliveries made up 43% of total East Asian arms imports in 1983-1987. In South Asia, 67% of all arms delivered come from the Soviet Union. Despite the large volume of these deliveries, however, only a few countries in each region are actually receiving arms. For example, during the period 1983-87, Soviet deliveries to Vietnam and North Korea accounted for about 82% of total Soviet arms deliveries to East Asia. The remainder went largely to Laos and Cambodia in further support of Vietnamese military and political objectives. In South Asia, 99.7% of Soviet arms deliveries were distributed between India and Afghanistan. Between 1983 and 1987, these two countries alone comprised roughly 87% of the South Asian arms market. Thus, Soviet deliveries satisfied 67% of total regional demand for that same period.

Arms Transfer Flows, Cumulative 1983-1987

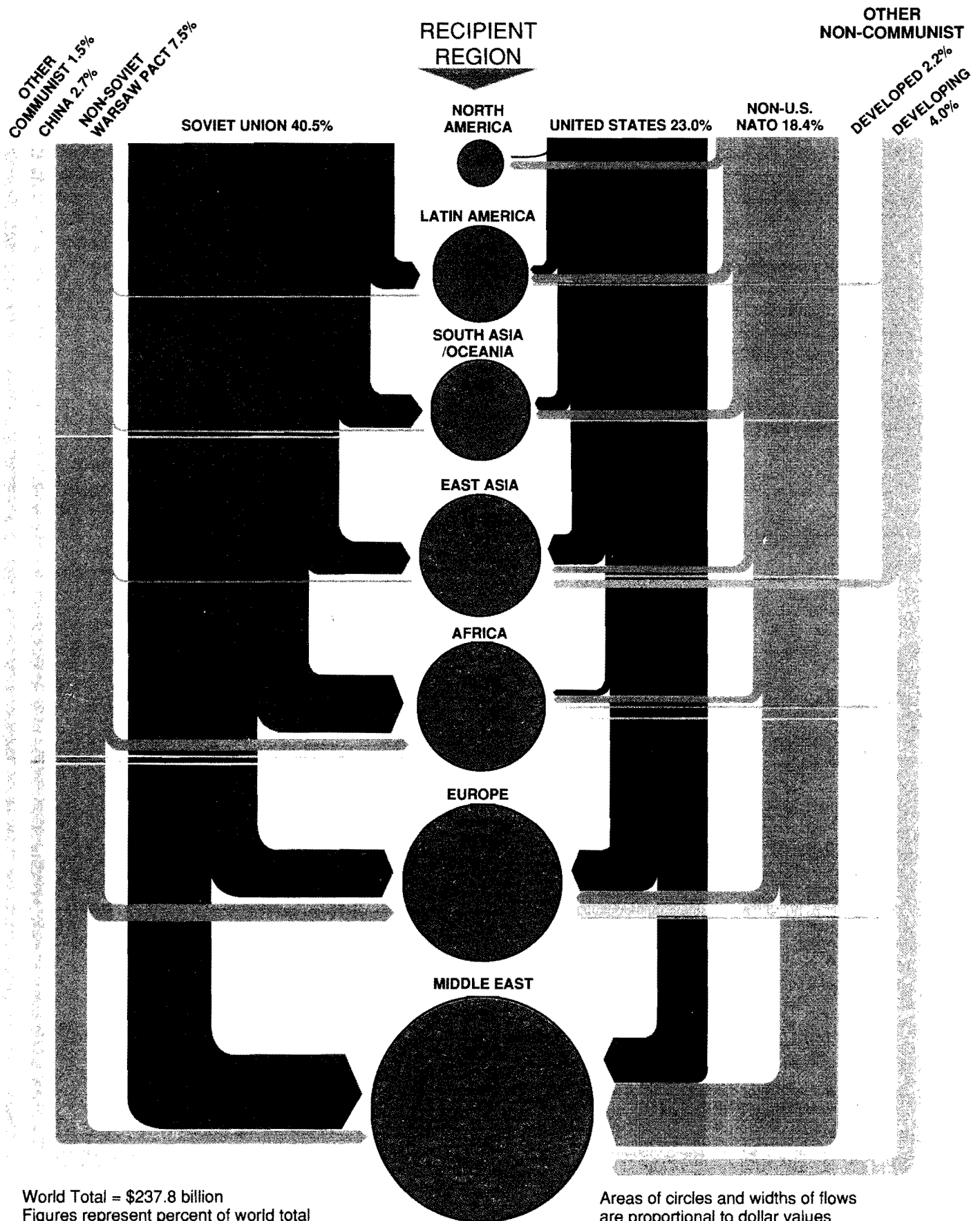


Figure 9

Arms Export Trends

World arms exports parallel the data curves presented for world arms imports in Figure 4, with the peak year being 1984, and the decline which began in 1985 reversing itself in 1987 when exports grew roughly 6% over the previous year.

The developed countries now have a 92% share of the world arms export trade (Table 5 and Figure 10). The Warsaw Pact and North America have maintained roughly constant levels of exports over the decade, while NATO Europe peaked in 1981 (Figure 11).

The developing countries have increased slightly their share of the arms export trade over the course of the past decade. During the first half of the decade, developing country arms exports accounted for an average of about 7.7% of total annual world arms exports. During

the past five years, this share rose to an average 9.6% per annum.

NATO-Warsaw Pact Comparison

The countries of the Warsaw Pact once again surpassed NATO countries in the value of total arms exported. In 1987, the Warsaw Pact exported some \$24.1 billion in arms and the combined NATO countries exported a total of about \$19.7 billion. Among the seven members of the Warsaw Pact, the Soviet Union accounted for 88% of total Pact military exports. Among NATO countries, US arms exports were 64% of the total. For the Warsaw Pact, arms exports accounted for 10.9% of total exports in 1987 (Main Table I). NATO arms imports comprised only 1.5% of total imports for the same year, even though NATO countries as a whole imported more arms (\$4.1 billion) than did the Pact (\$3.5 billion).

Developing Country Exports

Among all developing countries, a handful of relatively advanced nations appear to be actively pursuing development of an arms export industry (Figure 12). The People's Republic of China (PRC) is the largest exporter of arms in the developing world and accounted for 28%

Table 5
World Arms Exports: Shares and Growth
(In percent)

	World Share		Real Growth Rate*	
	1977	1987	Decade 77-87	2nd Half 82-87
World	100.0	100.0	1.4	-4.6
Developed	96.1	92.5	.8	-3.3
Developing	3.9	7.5	10.7	-14.8
Region				
Africa	.6	.2	1.6	-13.2
East Asia	1.3	3.2	13.0	-18.2
Europe	66.5	66.9	1.0	-4.4
NATO Europe	18.2	14.8	0	-8.9
Warsaw Pact	44.4	50.8	1.6	-1.9
Other	3.8	1.3	-4.3	-19.6
Latin America	.4	1.7	15.0	-2.0
Middle East	.7	1.0	5.1	-7.4
North America	30.1	26.8	1.4	-0.9
Oceania	.1	0	-7.0	-10.4
South Asia	.2	0	-9.3	-36.4
Organization				
NATO, All	48.4	41.7	.8	-4.4
Warsaw Pact	44.4	50.8	1.6	-1.9
OPEC	.3	.1	-5.6	-23.4
OECD	51.4	42.8	.6	-5.3

* Average annual rate, calculated as a compound rate curve fitted to all points. (See Statistical Notes.)

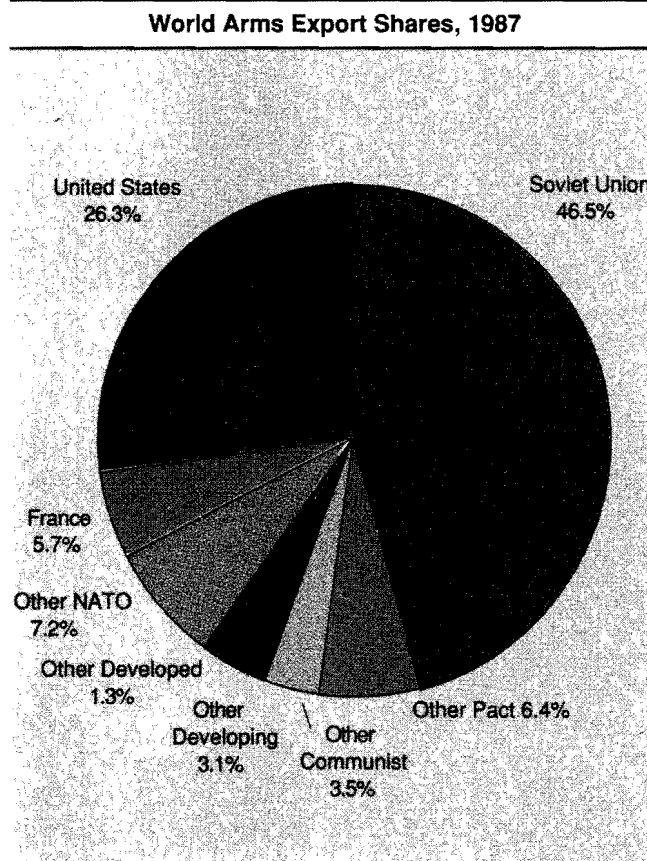


Figure 10

of 1987 developing country exports. The next largest producer/exporter is **Brazil** which supplied 17% of all arms exports from the developing world during the same year. Additionally, there are other countries with growing arms industries which rival in size those of developed countries such as Sweden, Switzerland, and the Netherlands. Ongoing developments in armament research, development, and production in Bulgaria, North Korea, Israel, Chile, Yugoslavia and Argentina have the potential to increase significantly the future share of arms exports by the developing world.

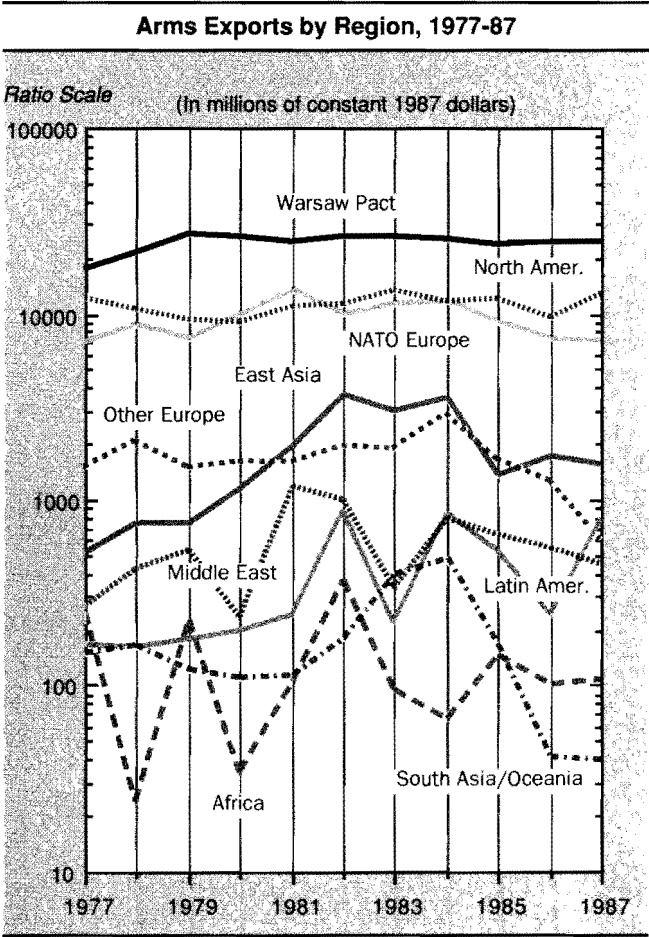


Figure 11

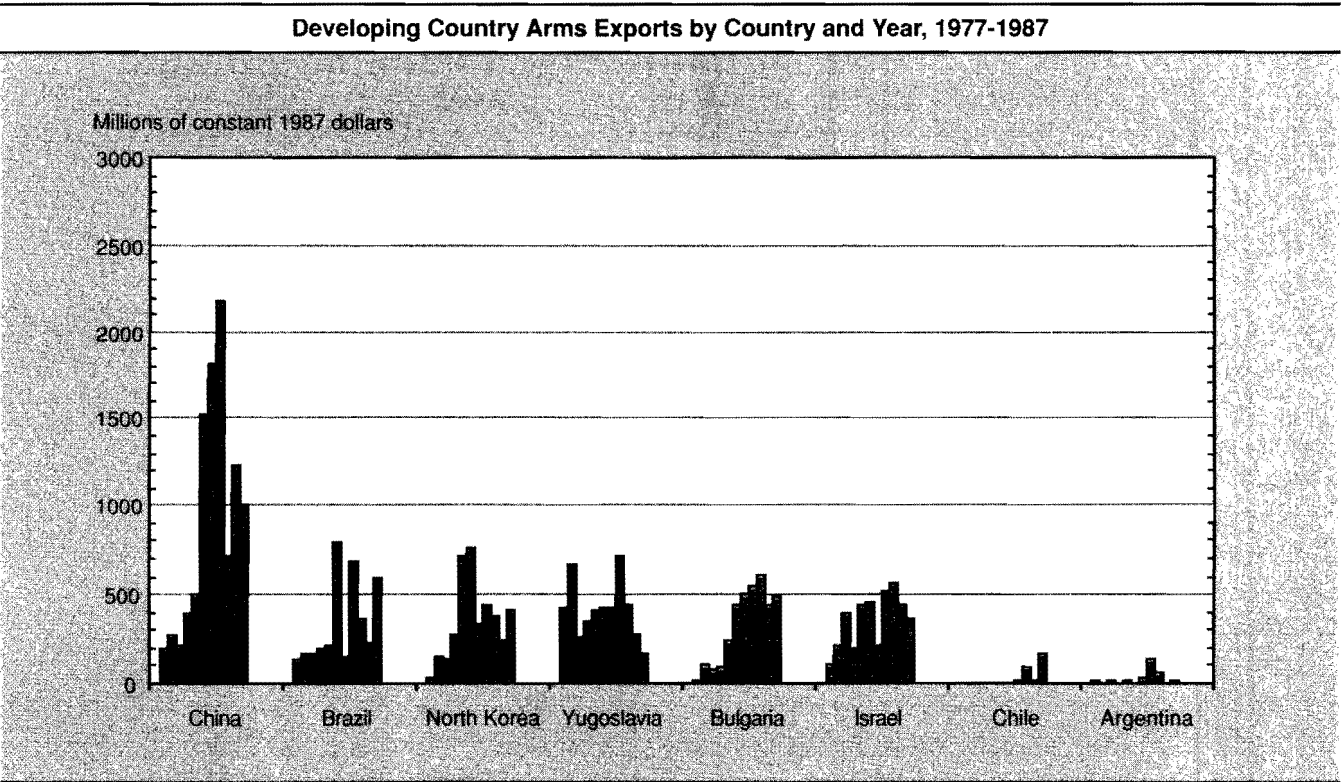


Figure 12

Burden and Other Relative Indicators

Relative Burden

In addition to the force ratio (see Armed Forces above), another commonly used measure of military effort is the "burden" ratio, ME/GNP. In 1987, as Figure 13 shows, the burden ratio for developing countries (5.1%) dropped noticeably below that for the world (5.4%) and developed countries (5.5%). The developing group ratio has been dropping since 1982, when it stood at the decade

high of 6.8% (Main Table I). This rapid decline was driven largely by declines in the Middle East (from a 1984 high of 14.9% to 11.0% in 1987) and in China (from 12.0% in 1977 to 4.4% in 1987).

The developed country ME/GNP ratio has held steady at its 1987 level since 1982 (Main Table I). The Warsaw Pact in 1987 continued to be the second highest group for ME/GNP burden (10.8%), behind the Middle

Relative Indicators - 1987 (all value figures in constant 1987 dollars)

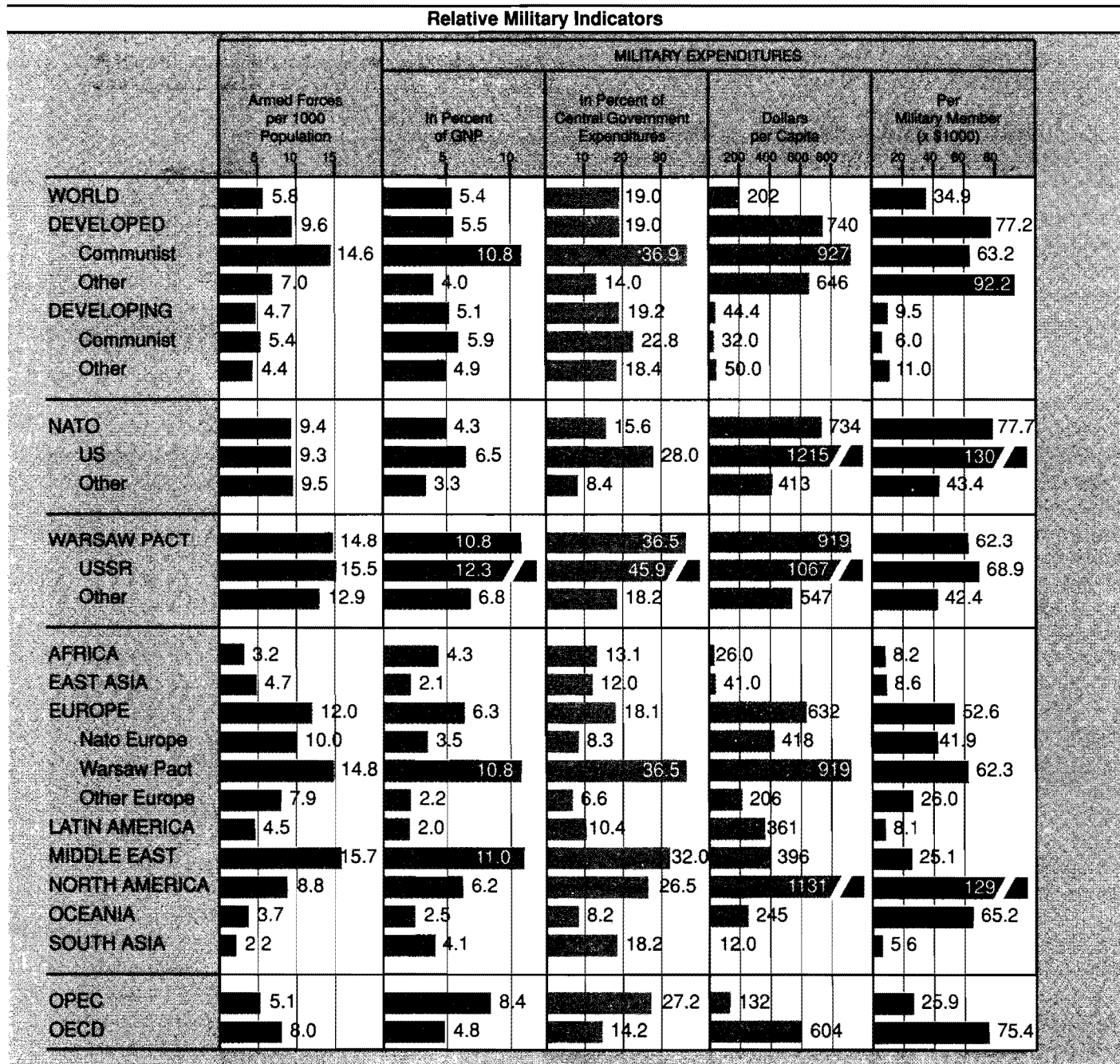


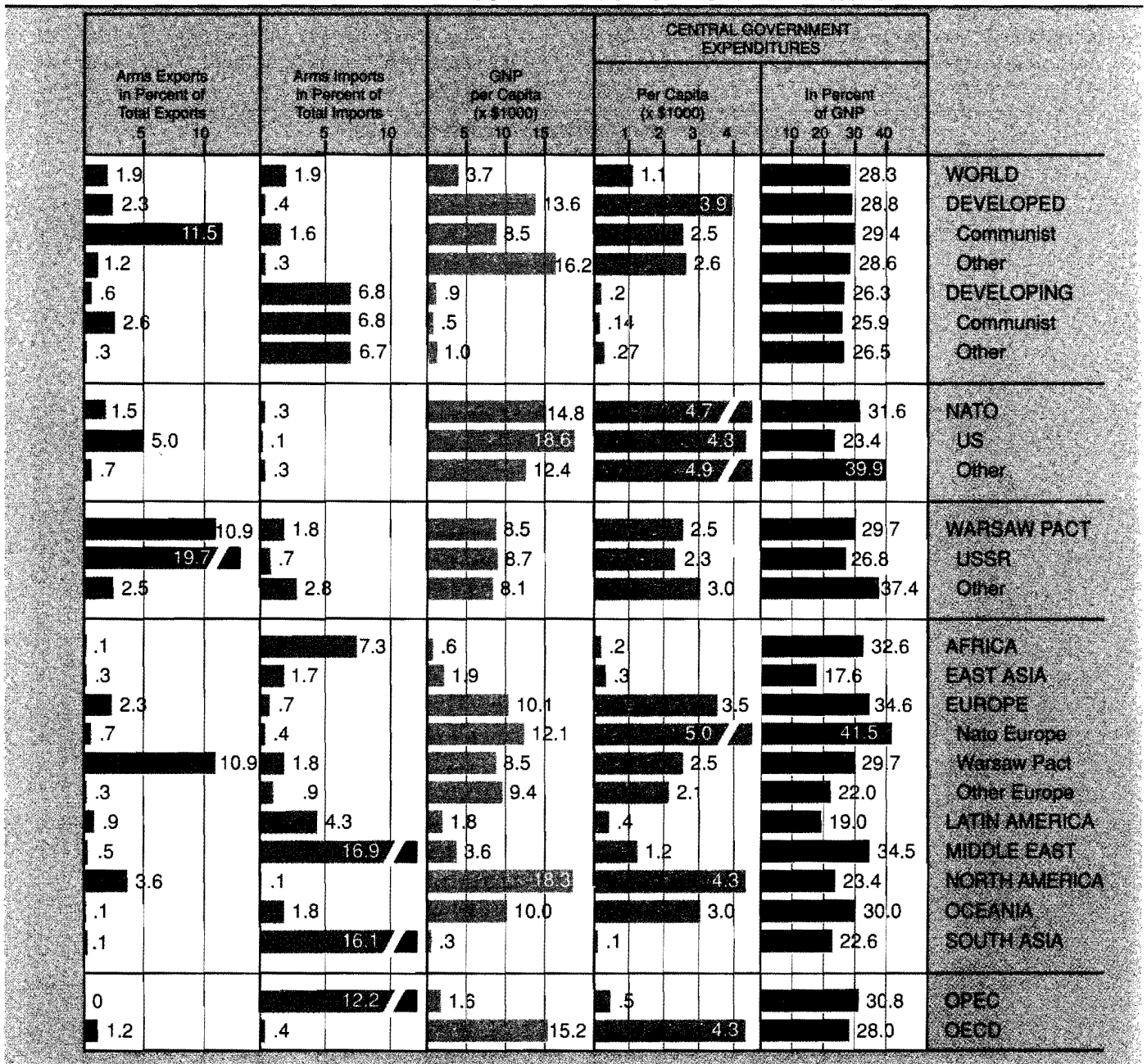
Figure 13

Average Relative Indicators

The basic economic variables (population, GNP, central government expenditures—CGE, and total trade) contained in the Main Statistical Tables together with the military variables (military expenditures—ME, armed forces, and arms trade) make it possible to calculate a variety of useful ratios or relative indicators. Ten such average indicators for 1987 are presented in Figure 13, to facilitate both inter-group comparisons for a given indicator and an overview of all the indicators for a given group. Besides the usual country groupings, Figure 13 shows communist, non-communist, non-U.S., and non-Soviet subgroupings in appropriate cases.

The average indicators in Figure 13 are calculated as the ratio of variables summed over a group, which makes them equivalent to the weighted average of individual country ratios, with the denominator variable being the weighting factor. Consequently, the shift from 1984 to 1987 exchange rates with this edition, which resulted in substantial changes in the relative weights of countries, particularly developed ones, also caused considerable changes in some group indicator levels from those shown for 1985 in *WMEAT 1987*. Since 1987 exchange rates are probably more realistic than the 1984 rates used in *WMEAT 87*, the indicators in this edition are preferable. See Statistical Notes, Conversion . . . to Dollars for a discussion of the impacts of the exchange rate shift on the ME/GNP ratio in particular.

Relative Arms Trade and Economic Indicators



East. The Warsaw Pact ratio would be higher if appropriately measured for the Soviet Union, as noted above.

A significant drop in the share of GNP devoted to military spending occurred among developing communist countries. This percentage is now estimated to be 5.9 versus the 7.2 figure reported in the last edition of *WMEAT*. These countries also have reduced their military expenditures as a percent of central government expenditures to 22.8% from 29.5% in 1987 and 1985, respectively. Sharp reductions in military expenditures in 1987 by Mainland China and Yugoslavia appeared to account for most of the changes for this country grouping.

Even by *WMEAT*'s conservative estimates of the Soviet burden ratio (see Statistical Notes), the USSR allocated almost twice as large a share of GNP to military spending in 1987 as did the US. Additionally, Soviet

defense spending accounted for almost 46% of its central government expenditures, while US defense spending claimed only 28%. The significant difference in the size of US and Soviet armed forces relative to their respective populations is another indicator of the uneven military burden imposed on each society.

As noted in previous editions of this report, a country's military burden ratio appears to have little relation to its income level or stage of development. (See Figure 14 showing the distribution of countries by burden ratio and per capita GNP.) Much more relevant is whether a country is embroiled in civil or external warfare, feels militarily threatened by neighboring countries, or overemphasizes for reasons of its own the role of military power in its international relations.

The central burden category of 2-5% ME/GNP in 1987 contains 62 countries (Figure 14), compared to 51

Relative Burden of Military Expenditures — 1987

ME/GNP* (%)	GNP PER CAPITA (1987 dollars)					
	Under \$200	\$200-499	\$500-999	\$1,000-2,999	\$3,000-9,999	\$10,000 and over
10% and over	Vietnam Cambodia+ Laos+	Yemen (Aden)+ Afghanistan+ Guyana+	Cape Verde+ Yemen (Sanaa) Morocco Albania	North Korea Jordan Syria Angola+ Mongolia+	Oman Iraq+ Israel Saudi Arabia Soviet Union Libya Nicaragua+ Bulgaria	Qatar+
5-9.99%	Ethiopia Mozambique	Zambia+ Pakistan	Zimbabwe El Salvador Thailand Honduras Bolivia Ecuador Botswana Senegal	Egypt Lebanon+ Cuba+ Gabon+	Iran Poland Czechoslovakia Greece Romania Hungary Singapore+	East Germany Un. Arab Emir.+ United States Kuwait
2-4.99%	Tanzania+ Guinea-Bissau Burkina Faso Somalia+ Madagascar	China Mauritania India Liberia Chad Togo Sri Lanka Burundi Burma Sudan Mali Kenya Equat. Guinea+ Lesotho Benin+ Indonesia Cen. Afr. Rep.+ Rwanda	Ivory Coast Guatemala Papua N. Guin.+ Dominican Rep. Swaziland Philippines Jamaica	Peru South Korea Congo Turkey South Africa Chile Venezuela Malaysia Tunisia Algeria Suriname Yugoslavia Panama	Taiwan Bahrain Portugal Trinidad & Tob.+ Spain	United Kingdom France Norway Netherlands West Germany Belgium Sweden Australia Italy New Zealand Canada Denmark Switzerland
1-1.99%	Zaire+ Bangladesh Malawi The Gambia+ Nepal	Haiti Guinea+ Uganda+		Cameroon Uruguay+ Argentina Fiji+ Colombia Paraguay	Ireland + Malta	Finland+ Austria Japan
Under 1%		Ghana Sao Tome&Prin. Niger+ Nigeria Sierra Leone+		Brazil Costa Rica Mexico Mauritius	Cyprus Barbados+	Luxembourg Iceland

* Countries are listed within blocks in descending order of ME/GNP

+ Ranking is based on a rough approximation of one or more variables for which 1987 data or reliable estimates are not available.

Figure 14

in 1985 (per the comparable figure in *WMEAT 1987*). The additional countries came from both higher and lower categories. Countries also shifted into higher income brackets in 1987, but that was in large part due to the 9% dollar inflation and exchange rate changes in the interim. Real GNP per capita in the 1985-1987 interval rose annually by 2.2% for the entire world, 4.1% for developed countries, and 2.8% for developing countries (Main Table I).

Of the sixteen countries in the Middle East, five are estimated to have a ME/GNP ratio exceeding 10% in 1987. This is less than the 11 countries reported in this spending ratio bracket for 1985 in *WMEAT 1987*. The end of the Iran-Iraq war should further reduce the burden for some of these countries.

Other Indicators

Despite the large relative burden imposed by military spending on the Soviet economy in 1987, US spending was greater when measured in dollars spent per capita and per member of the armed services. In an alliance-to-alliance comparison, the Warsaw Pact outspent NATO in per capita military spending by more than 20%; however, NATO spending per soldier was about 24% greater than the Pact's (Figure 13).

All indicators of military burden, such as "Armed forces per 1000 population" and "Military expenditures as percent of GNP" or "...CGE" are exceptionally high for the Middle East, Warsaw Pact, and communist groupings.

The decrease in the Middle East ME/GNP ratio noted above is matched by reductions in central government expenditures as a percent of GNP (down from 51.1% in 1985 to 34.5%). These decreases are due to the disproportionately large drop in military expenditures (6.9% annually in 1982-87). Unfortunately, this change,

results principally from economic and budgetary pressures created by relatively low world oil prices since 1984. Total Middle East GNP declined an average 3.5% annually in 1982-1987. The Middle East actually increased its spending on military expenditures as a percent of central government expenditures (32.0% in 1987 vice 31.3% in 1985).

Average military expenditures per military member in 1987 were eight times higher for developed countries than for developing. This indicator appears to have increased between 1985 and 1987 for all regions and groups (except for Africa, Middle East and OPEC) when comparing Figure 13 in the last two editions of *WMEAT*. This phenomenon reflects mainly our use of 1987 as a base year for dollar conversion, as well as dollar inflation. Real increases in this indicator actually occurred for developed countries, while it declined for the world as a whole and especially on average for developing countries.

Arms imports as a percent of total imports continue to be high for the developing regions, most notably the Middle East, South Asia, and OPEC.

Overall, the arms trade played a less important role in world trade in 1987 than it did in 1985. The arms trade accounted for only about 1.9% of total world trade in 1987, compared with 2.3% in 1985.

The Soviet Union had a very high ratio of arms exports to total exports—19.7% in 1987. The Soviet ratio has been on the order of 20% since at least 1977 and peaked at 25% in 1979 (Main Table II). This ratio is also high (10-11%) in groups of which the Soviet Union is a member.

The ratio of government spending to GNP remained remarkably consistent for all regions, with each region and country allocating just under 30% of its GNP for central government expenditures.

Brief

Ballistic Missile Proliferation in the Developing World

Since the sale of the 3000-kilometer CSS-2 missile by China to Saudi Arabia, international attention has focused more sharply on the destabilizing trend of ballistic missile proliferation among developing countries. The worrisome phenomenon of purchase and/or indigenous development of missiles by many countries of the Third World comes at the time when the US and USSR have banned missiles in the 500-5,000 kilometer ranges. The Intermediate Nuclear Forces (INF) Treaty signed in 1988 prohibits the US and the USSR from producing, deploying, or flight-testing ground-launched missiles in these ranges. In another important step, the United States and six other countries agreed in 1987 to the Missile Technology Control Regime (MTCR), which restricts exports of certain missile technologies and components.*

Nations that possess ballistic missiles can fire large, destructive warheads deep into one another's territory with assurance that defenses have little likelihood of stopping an attack. The very presence of these weapons in conflict-prone regions of the world aggravates instability. The potential for accidental launch, takeover of launch facilities by subnational groups, or use of missiles to intimidate neighbors or pursue territorial ambitions is significantly higher in the Third World than it is among the traditional missile states. There are several reasons for this: disputes are more volatile and wars more common in these regions, the stability of Third World governments is often fragile, and the high value ascribed to a limited number of missiles is likely to heighten a "use them or lose them" attitude. To make matters worse, missile proliferation is occurring at a time when many of the countries involved also are proceeding apace with nuclear or chemical weapons development programs.

Until a few years ago, the US and several of its NATO allies, Japan, China, and the Soviet Union comprised the handful of countries with the capability to develop and

manufacture such technologically complex systems. Today, at least 16 Third World countries possess ballistic missiles or are striving to develop them (see table below). India, for example, has just successfully tested its 2500-kilometer Agni missile. US Director of Central Intelligence William H. Webster has predicted that by the year 2000, at least 15 developing countries will be producing their own ballistic missiles (although this would depend in part on the future effectiveness of non-proliferation controls).

The primary means by which emerging military powers are acquiring missiles remain the traditional channels of North-South arms trade, military assistance, and technology transfer. Seven of the sixteen countries discussed in this brief (Egypt, Iran, Iraq, Libya, North Korea, South Yemen, and Syria) obtained Soviet-design Scud-B missiles either from the Soviet Union or through an intermediary such as North Korea. Additionally, the USSR has provided the shorter-range but more accurate SS-21 to several countries. China is the world's newest supplier of ballistic missiles, having recently sold the CSS-2 to Saudi Arabia. In addition, it is also developing the M-series of short-range, solid-fuel, mobile ballistic missiles which have been offered for export. The US has not transferred ballistic missiles to the Third World since 1974. The most recent and important source of missile technology for Third World missile programs is West European companies and individuals willing to sell technical and material assistance.

Within the Third World itself, there are at least four somewhat non-traditional patterns which increasingly seem to characterize missile proliferation and the emergence of indigenous missile production capability. First, some nations are converting missiles already in their inventories into more capable weapons systems. For example, Iraq, probably with foreign assistance, upgraded Scud-B missiles with original ranges of about 190 miles (300 km) in a two-phased program between 1987-1988. The first upgraded Scud-B (the Al-Husayn) had a demonstrated range of about 375 miles (600 km) when it was fired at Teheran. The Iraqis claim the second upgraded version (the Al Abbas) has a range of 560 miles (900 km). There are a number of possible ways Iraq could have altered the Scuds—by extending the fuselage, adding fuel, reducing the size of the warhead, or strapping on booster rockets. In any one of

* Last year's edition of *WMEAT* featured an essay by Frederick J. Hollinger on the Missile Technology Control Regime which detailed the common policy guidelines adopted by the seven countries aimed at limiting the proliferation of both ballistic and cruise missiles. In addition to the United States, the countries are Canada, France, West Germany, Italy, Japan, and the United Kingdom.

these cases, the significance of the Scud modification lies in Iraq's demonstrated capability to manipulate successfully the component details of ballistic missile technology. This success may encourage other countries possessing short-range missile systems to modify them on their own in order to gain longer-range capabilities.

While Iraq serves as a recent and vivid example of a country that has enhanced the performance of its existing weaponry, it is certainly not the first nor the only one to

exploit others' technology. North Korea is believed to have reverse-engineered the Scud-B, as well as to have established its own production capability. It may possibly even be helping countries such as Egypt develop the technology to build Scuds. South Korea and Taiwan are known to have modified US-supplied missiles. South Korea converted some of its surface-to-air Nike-Hercules missiles to surface-to-surface missiles (SSM) and also improved certain elements of the missiles' guidance system. The lessons they learned while making these changes are largely

Ballistic Missiles in the Third World

MIDDLE EAST & AFRICA						
	Payload (lbs)	Range (miles)	Accuracy (CEP)	Propulsion	Source	Status
EGYPT						
FROG-7	1,000	40	440 yds	solid	USSR	Deployed
Scud-B	1,100	190	980 yds	1-stage liquid	USSR	Deployed
Vector	1,000	500-600	N/A	solid	Egypt/Argentina	R&D
Sakr 80	450	50	N/A	2-stage solid	Egypt/Iraq/North Korea?	Deployed
Scud-B	2,200	190	980 yds	1-stage storable liquid	Egypt/North Korea?	R&D
IRAN						
Scud-B	1,100	190	980 yds	1-stage solid	USSR or North Korea	Deployed
Oghab (Eagle)	N/A	25	N/A	N/A	Iran/North Korea	Deployed
Iran-130	N/A	80	N/A	solid	Iran/China	Deployed
IRAQ						
Scud-B	1,100	190	980 yds	1-stage liquid	USSR	Deployed
Scud-B (Al-Husayn)	N/A	375	1-2 mi	1-stage liquid	?	Deployed
Scud-B (Al-Abbas)	N/A	560	2-3 mi	1-stage liquid	?	R&D
Condor II	1,000	500-600	N/A	solid	Argentina/Egypt/Iraq	R&D
ISRAEL						
Jericho	N/A	400	N/A	2-stage solid	Israel	Deployed
Jericho Follow-ons	N/A	900	N/A	2-stage solid	Israel	Tested
Lance	600	80	400 yds	liquid	USA	Deployed
LIBYA						
FROG-7	1,000	40	440 yds	solid	USSR	Deployed
Scud-B	1,100	190	980 yds	1-stage liquid	USSR	Deployed
SS-21 (?)	1,000	75	330 yds	solid	USSR	N/A
N/A	N/A	300	N/A	N/A	West German design	R&D
SAUDI ARABIA						
CSS-2 (DF-3A modified)	4,500	1600-1860	1.5 mi	1-stage cooled liquid	China	Deployed
SYRIA						
FROG-7	1,000	40	440 yds	solid	USSR	Deployed
Scud-B	1,100	190	980 yds	1-stage liquid	USSR	Deployed
SS-21	1,000	75	330 yds	solid	USSR	Deployed
NORTH YEMEN						
SS-21	1,000	75	330 yds	solid	USSR	Deployed
SOUTH YEMEN						
FROG-7	1,000	40	440 yds	solid	USSR	Deployed
Scud-B	1,100	190	980 yds	1-stage liquid	USSR	Deployed
SS-21	1,000	75	330 yds	solid	USSR	Deployed

credited with leading to the development of the Korean SSM which was successfully flight-tested in 1987. Working in cooperation with Israel, Taiwan is believed to have copied the Lance missile during the late 1970s. The Lance served as a prototype for Taiwan's Green Bee (Ching Feng) missile which was to have been succeeded by the now dormant Sky Horse missile program.

Second, countries with developing commercial and scientific space programs have used them as valuable sources of technology for their missile programs. Argentina, Brazil, India, Israel, Pakistan, and South Korea have all acquired varying degrees of experience in this area and likewise have developed dual-use technologies and learned lessons which can be applied to either military or civilian requirements. The space programs of Argentina, Brazil, India, and Pakistan preceded their missile programs by several years and benefited from a certain degree of foreign consultation and technology. This has substantially

contributed to their current progress with missile development. Much of the Western assistance these countries received came prior to 1987 when the MTCR was announced. Nevertheless, several West European firms and individuals are still engaged in providing technical assistance and components for space and missile development programs in the Third World. Israel's and South Korea's missile programs predate their space programs and technology spin-offs are more likely to have benefited their space programs.

Third, the technologies and components being used in Third World missile development programs are not always voluntarily supplied by developed countries. Developing countries offer high salaries to scientific mercenaries to leave sensitive jobs in the US and elsewhere to join their arms development programs. Some developing countries set up complex front companies and import schemes to obtain components that are subject to export controls.

FAR EAST & SOUTHWEST ASIA						
	Payload (lbs)	Range (miles)	Accuracy (CEP)	Propulsion	Source	Status
INDIA						
Prithvi	2,200	150	N/A	liquid	India	Tested
Agni	1,500-2,000	1,550	N/A	2-stage liquid/ solid	India	R&D
KOREA, NORTH						
FROG-7	1,000	40	440 yds	solid	USSR	Deployed
Scud-B	1,100	190	980 yds	1-stage liquid	North Korea	Deployed
KOREA, SOUTH						
Honest John	N/A	25	Unguided	solid	US and South Korea	Deployed
Korean SSM	N/A	110-160	N/A	2-stage solid	South Korea	Deployed
PAKISTAN						
Hafir I - King Hawk	N/A	50	N/A	1 or 2 stage	Pakistan w/ technology from China & Western Europe	R&D
Hafir II - King Hawk	N/A	187	N/A	1 or 2 stage		R&D
TAIWAN						
Green Bee (Ching Feng)	N/A	60	N/A	solid	Taiwan	Terminated
Sky Horse	N/A	620	N/A	N/A	Taiwan	Terminated
SOUTH AMERICA						
ARGENTINA						
Condor I	880	60	N/A	1-stage solid	Argentina	R&D
Condor II	1,000	500-600	N/A	2-stage solid	Argentina/Egypt/Iraq/ West European Consortium	R&D
BRAZIL						
MB/EE-150 (Orbita)	1,100	90	N/A	solid	Brazil	R&D
MB/EE-350 (Orbita)	N/A	215	N/A	solid	Brazil	R&D
MB/EE-600 (Orbita)	N/A	370	N/A	solid	Brazil	Concept
MB/EE-1000 (Orbita)	N/A	620	N/A	solid	Brazil	Concept
SS-300 (Avibras)	2,200	185	N/A	solid	Brazil	R&D
SS-1000 (Avibras)	N/A	740	N/A	solid	Brazil	R&D

Fourth, a departure from traditional "North-South" arms transfer relationships is evolving with the cooperative effort by Third World arms producers to develop, modify, and produce ballistic missiles by sharing associated financial burdens and pooling technical expertise and resources. There are several examples of this type of "burdensharing": Iraqi, and possibly North Korean collusion to help develop Egypt's Saqr 80; Iraqi funding for Argentine and Egyptian cooperative development of the Condor II/Vector; and Pakistani and Chinese joint development work on the King Hawk missile (the "Shahbaz," now referred to as the Hatf I and Hatf II missiles).

All four patterns have a common element, the fact that countries are developing indigenous capabilities. Clearly, those Third World countries with successful missile design and production capabilities will no longer be reliant on the US, USSR, or Europe for technology or components. Of potentially greater worry is the fact that these countries will themselves become purveyors of ballistic missiles and related technology worldwide.

These disturbing patterns of ballistic missile proliferation portend a more volatile and dangerous world security environment. The spread of these missiles is already fueling regional arms races. Nowhere is this more

apparent than in the Middle East, where at least nine states currently possess ballistic missiles. While these missiles vary in range, accuracy, and payload-size, they add a new destabilizing dimension to that region's balance of power. Even if armed only with conventional warheads, the proliferation of missiles in the Middle East poses the danger of making "war between cities" a regular feature of future military confrontations. In the Iran-Iraq War, for example, missile launches against civilian targets became commonplace, as evidenced by the more than 1,000 missiles launched by the belligerents. Combined with the precedent set by the use of chemical weapons in this regional conflict, the possibility that these new missiles will be employed as chemical, biological, or nuclear weapons delivery vehicles is even more alarming.

Attempts to achieve more effective international proliferation controls have had some success. The MTCR was an important step taken in 1987 by the United States, Canada, France, West Germany, Italy, Japan, and the UK to restrict exports of certain missile technologies and components. In the future, it is desirable to have more nations join the effort to stem missile proliferation. The responsibility for achieving more and effective missile nonproliferation standards must be shared by all concerned members of the international community.

Brief

High Costs of the Persian Gulf War

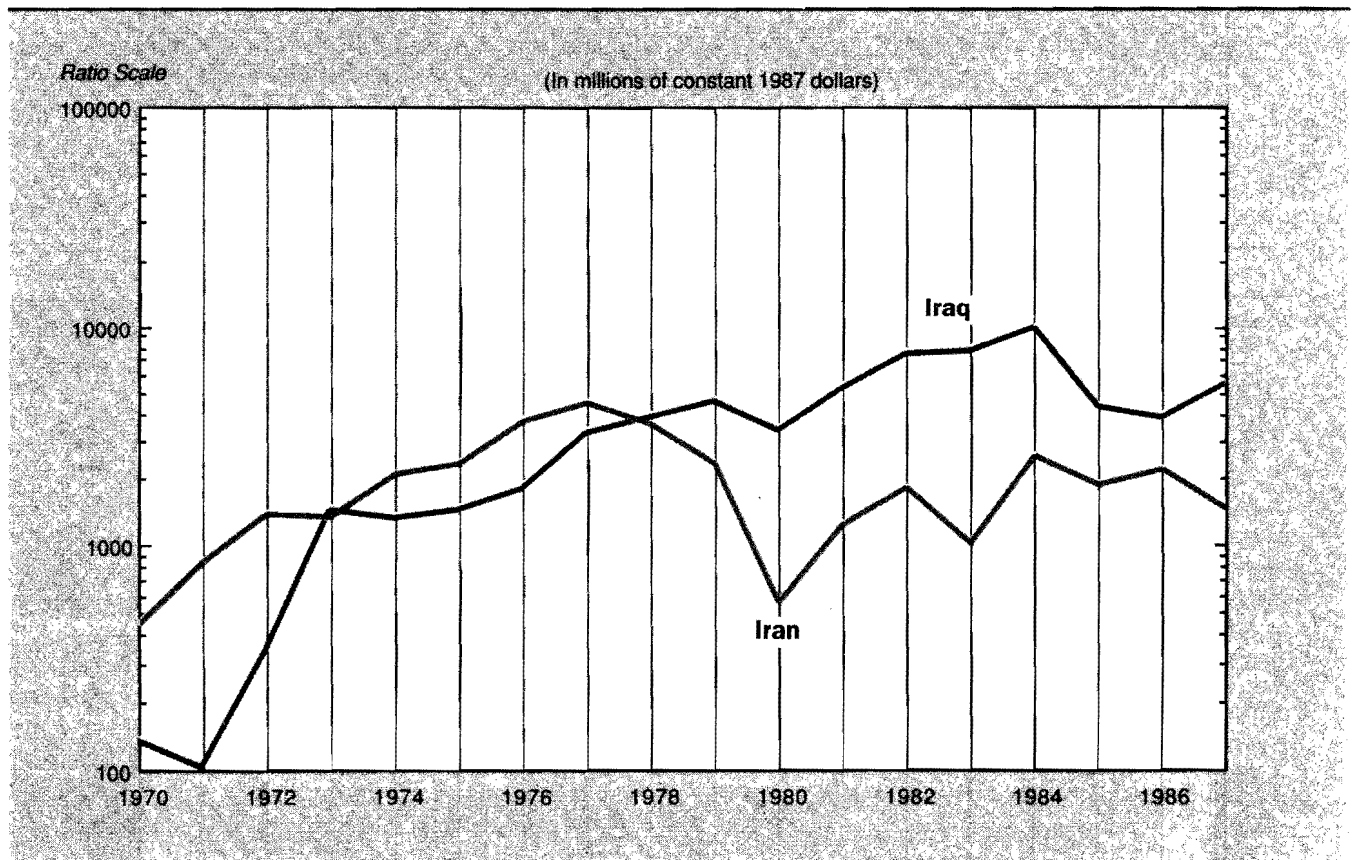
The full story of what may be the largest arms buying spree in history—by Iran and Iraq since the Gulf War began in 1979—will not be fully known for years to come, particularly if one considers that shooting wars are often followed by a rebuilding of destroyed military capability. However, it may be worth summarizing what we know today of the questions involved. The following data are drawn from Main Statistical Tables II and III and other supporting data.

Both Iran and Iraq were engaged in an arms buildup in the early 1970s. Iran maintained a slightly higher level of annual arms imports until about 1978, when the level of its imports began to drop. About the same time, Iraq significantly increased its arms imports. Throughout the 1970s, Iran was the world's largest arms importer. Iraq has held this distinction since 1980.

The US supplied 35% of Iran's arms imports prior to 1980, making it the largest single arms supplier for the period 1972-1980. Since 1980, however, North Korea, followed by China, has become Iran's principal arms supplier, although the number of countries exporting arms to Iran has increased many fold. In addition to its direct purchases of arms and military equipment, Iran in particular often purchased items of a primarily civilian nature (e.g., Swedish Boghammer speedboats) and effectively converted them to military use.

Since 1980, the Soviet Union has been the principal arms supplier to Iraq, supplying over \$20 billion in arms which comprised more than 42% of total Iraqi arms imports. For the same period, France supplied \$6.7 billion and the PRC some \$3.9 billion in arms, making them the next largest suppliers to Iraq.

Arms Imports, 1970-1987



Arms Suppliers to the Persian Gulf War, 1980-1987

Supplier	Cumulative Deliveries in Millions of Current Dollars		
	Iran	Iraq	Both
Warsaw Pact	1,920	24,680	26,600
Soviet Union	625	20,200	20,825
Bulgaria	650	750	1,400
Poland	20	875	895
Czechoslovakia	40	750	790
Other Pact (3)	585	2105	2690
NATO	1,430	9,320	10,730
France	NA *	6,700	>6,700
West Germany	NA *	860	>860
Italy	NA *	570	>570
United Kingdom	210	350	560
United States	20	—	—
Other NATO (5)	2,118	840	2,958
Other Europe (5)	1,475	2,165	3,640
" " (1)	—	20	—
East Asia	5,070	4,540	9,570
China	1,800	3,900	5,700
North Korea	2,400	50	2,450
Other East Asia (3)	830	590	1,420
" " (1)	40	—	—
MidEast & Africa (3)	790	—	—
" " (4)	—	820	—
Latin America & South Asia (2)	55	1,645	1,700
" " (2)	170	—	—
" " (1)	—	35	—
Total Deliveries	11,828	43,225	(col) 51,458 (row) 55,053
Number of Suppliers	35	34	28
Suppliers to One Country	7	6	—

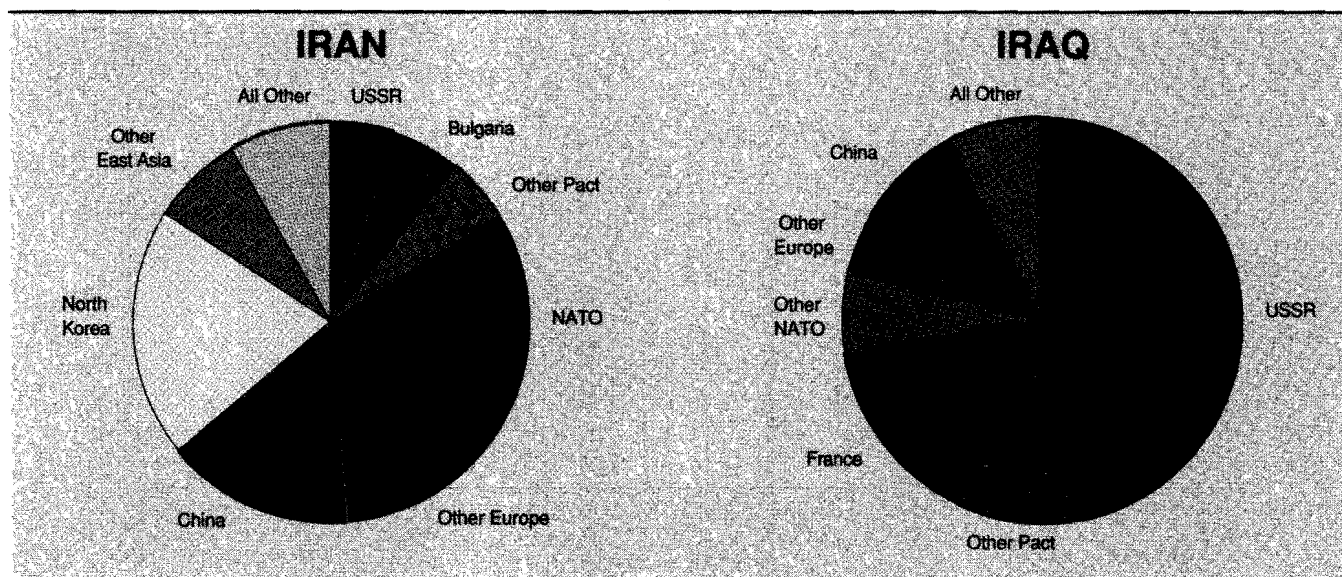
* Iran secured substantial quantities of arms from brokers throughout Western Europe. An estimate of the magnitude of this trade is included in the totals for *Other NATO* and *Other Europe*.

In the scramble for arms suppliers, Iran and Iraq scoured the globe. The huge volume the Iran-Iraq War generated for the international arms trade is reflected not only by the fact that 41 countries sold arms to one party or the other, but also by the large number of countries that sold significant amounts of arms to both belligerents. The diversity of arms sources made available to Iran and Iraq is readily apparent in the table below. Iran obtained 42% of its arms from East Asia (particularly North Korea and China), 16% from NATO countries, 12% from countries classified as "Other Europe," and 9% from developing countries in various other regions. Iraq's suppliers were also widespread. Fifty seven percent of the arms supplied to Iraq during the war came from the Warsaw Pact, 22% from NATO countries, 11% from East Asia (particularly China), 5% from Other Europe, and 6% from assorted developing countries.

The practice of supplying arms to both belligerents was remarkably widespread. In fact, over 93% of all arms supplied during the war came from the 28 countries that supplied both Iran and Iraq with war materiel. Only 7% of all arms purchased during the war came from the 13 countries that limited their relationship as an arms supplier to either Iran or Iraq exclusively. Relatively unrestrained arms transfers by countries providing arms to both sides make this war unique in that political and ideological factors often took a back seat to broader economic objectives.

The burden the war placed on the two countries is significantly different. In the late 1970s, Iran's arms imports accounted for almost 17% of total national imports. From 1980-1987, an average of about 12% of all Iranian imports were military in nature. Iranian military spending as a percentage of GNP averaged about 7% for the 1980-1987 period. By contrast, annual Iraqi arms imports as a

Sources of Arms, 1980-1987



percentage of total imports averaged 46% since 1980. For the same period, Iraqi military spending as a percentage of GNP averaged an estimated 35% annually.

The Persian Gulf War also exacted a different price on each country in terms of manpower diverted and lives lost. Iraq's armed forces averaged 617,000 men between 1980-1987 and the size of its force reached 900,000 at its peak in 1987. Between 1980-1983, the size of Iraq's armed forces averaged about 415,000 troops. During the second half of the war, 1984-1987, Iraq doubled its personnel commitment and its force size averaged 819,000. Iraq's forces comprised an average of 3% of its total population during the first half of the war and 5% during the latter half.

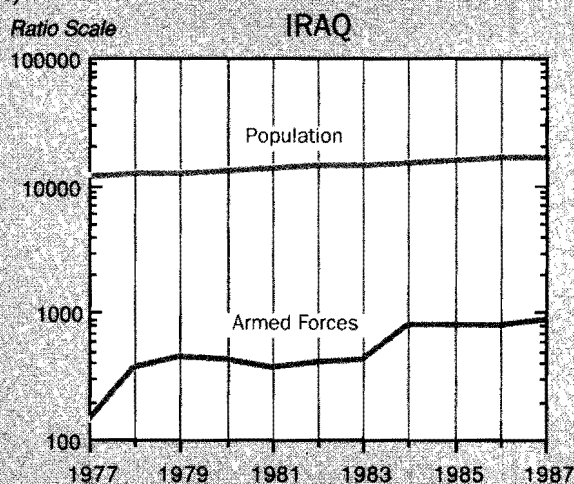
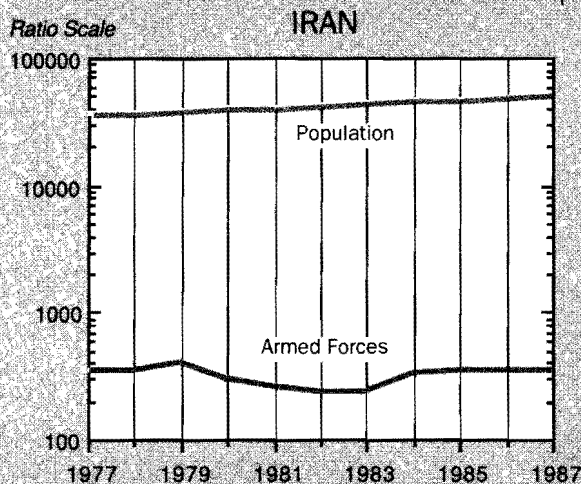
Regular Iranian forces (not including the large and important Revolutionary Guards irregulars) averaged about 378,000 and reached a high of 650,000 in 1986 and 1987. Iran's armed forces claimed less than 1% of its population for the entire period of the war.

Throughout the war, there was a significant difference in the size and quality of the forces fielded by each country. Iran's regulars were outnumbered by Iraq by a factor of almost 2 to 1. Iraq's military effort consumed a much larger relative share of that nation's resources than did its adversary's. Its imports were predominantly military in nature, a substantial share of its gross national product was devoted to the war effort, and the manpower needs of its armed forces diverted a major portion of the civilian workforce.

If total population is considered, Iraq also suffered relatively higher casualties. Iraq has a population of 17 million; its casualties for the war are believed to number approximately 150,000 dead, 300,000 wounded, and 70,000 prisoners of war. Iran, with a population of 50 million, is estimated to have suffered 300,000 dead, 500,000 wounded, and 50,000 prisoners of war (including many in the Revolutionary Guards).

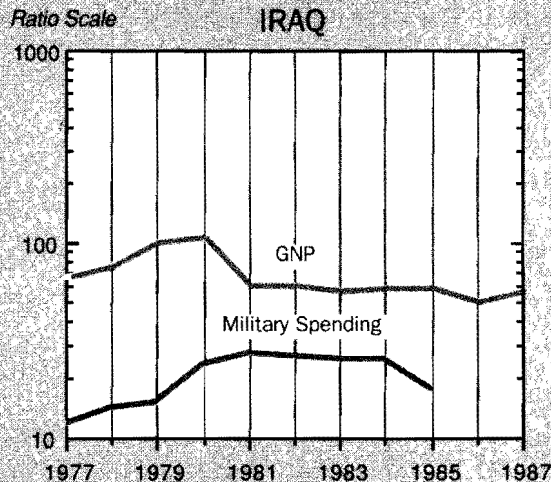
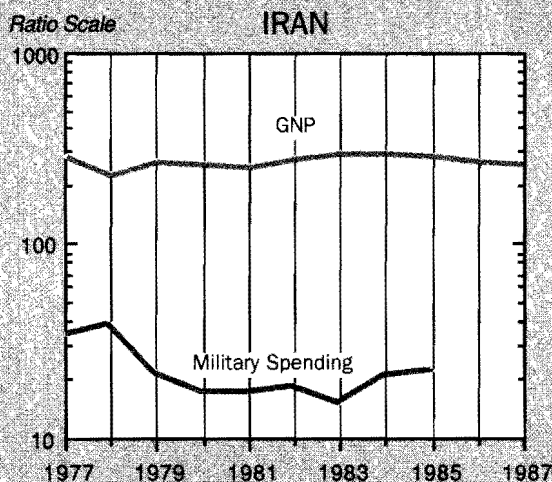
Population and Armed Forces

(Thousands)



Defense Economic Burden

(In millions of 1987 dollars)



Main Statistical Tables

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Billion dollars			Billion dollars		Billion dollars		GNP	CGE	PER CAPITA		
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
TOTALS ^a												
WORLD												
1977	457.4	800.0	25830	8379	14650	3975.7	4233.5	5.5	20.1	189	6.1	3461
1978	502.8	819.3	26530	9332	15210	4160.2	4306.6	5.4	19.7	190	6.2	3531
1979	550.9	825.1	26820	10500	15730	4348.5	4382.4	5.2	19.0	188	6.1	3590
1980	627.4	861.2	26970	11710	16070	4639.0	4458.9	5.4	18.6	193	6.0	3604
1981	710.3	889.6	27670	13000	16280	4802.0	4536.6	5.5	18.5	196	6.1	3589
1982	795.1	935.5	27560	13860	16310	4959.1	4617.3	5.7	18.9	203	6.0	3532
1983	848.8	961.7	27850	14730	16690	5071.8	4698.2	5.8	19.0	205	5.9	3553
1984	901.5	984.6	28710	15860	17320	5134.2	4780.1	5.7	19.2	206	6.0	3624
1985	956.0	1013.9	28950	16810	17830	5306.5	4862.6	5.7	19.1	209	6.0	3667
1986	983.8	1016.1	29350	17780	18360	5385.6	4947.5	5.5	18.9	205	5.9	3711
1987	1016.4	1016.4	29150	18870	18870	5344.6	5035.0	5.4	19.0	202	5.8	3748
DEVELOPED												
1977	358.6	627.1	9948	6925	12110	3218.4	1059.9	5.2	19.5	592	9.4	11430
1978	391.3	637.5	10070	7739	12610	3367.9	1067.9	5.1	18.9	597	9.4	11810
1979	435.4	652.0	10100	8658	12970	3519.7	1076.0	5.0	18.5	606	9.4	12050
1980	495.9	680.7	10300	9574	13140	3728.6	1084.6	5.2	18.3	628	9.5	12120
1981	559.5	700.7	10500	10630	13310	3879.7	1092.7	5.3	18.1	641	9.6	12180
1982	622.8	732.8	10560	11320	13320	3986.0	1100.6	5.5	18.4	666	9.6	12100
1983	669.5	758.5	10690	12070	13670	4084.5	1108.4	5.5	18.6	684	9.6	12330
1984	713.1	778.8	10730	13020	14220	4167.1	1116.1	5.5	18.7	698	9.6	12740
1985	765.9	812.3	10780	13810	14640	4304.3	1123.9	5.5	18.9	723	9.6	13030
1986	799.8	826.0	10900	14590	15070	4394.8	1131.8	5.5	18.8	730	9.6	13320
1987	843.6	843.6	10930	15460	15460	4445.1	1139.4	5.5	19.0	740	9.6	13570
DEVELOPING												
1977	98.8	172.9	15880	1454	2543	757.3	3173.6	6.8	22.8	54	5.0	801
1978	111.6	181.8	16470	1593	2596	792.3	3238.7	7.0	22.9	56	5.1	801
1979	115.6	173.1	16720	1846	2765	828.8	3306.4	6.3	20.9	52	5.1	836
1980	131.5	180.5	16680	2133	2928	910.4	3374.4	6.2	19.8	53	4.9	868
1981	150.8	188.9	17170	2370	2968	922.4	3443.9	6.4	20.5	55	5.0	862
1982	172.3	202.7	16990	2542	2992	973.2	3516.7	6.8	20.8	58	4.8	851
1983	179.3	203.1	17160	2666	3021	987.4	3589.8	6.7	20.6	57	4.8	841
1984	188.4	205.8	17980	2838	3100	967.1	3663.9	6.6	21.3	56	4.9	846
1985	190.1	201.6	18170	3009	3191	1002.2	3738.7	6.3	20.1	54	4.9	853
1986	184.0	190.0	18450	3185	3289	990.8	3815.7	5.8	19.2	50	4.8	862
1987	172.8	172.8	18220	3415	3415	899.5	3895.6	5.1	19.2	44	4.7	877

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Billion dollars			Billion dollars				Billion dollars	GNP				CGE
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%				%
BY REGION ^a													
AFRICA													
1977	7.5	13.0	1319	158	277	81.1	411.4	4.7	16.1	32	3.2	673	
1978	9.4	15.3	1313	173	281	82.1	423.0	5.5	18.7	36	3.1	665	
1979	10.6	15.9	1267	201	301	85.4	435.5	5.3	18.6	37	2.9	691	
1980	11.6	15.9	1366	238	326	91.8	448.4	4.9	17.3	35	3.0	727	
1981	12.7	15.9	1427	256	321	95.5	461.3	5.0	16.6	34	3.1	695	
1982	13.3	15.6	1433	269	317	98.8	474.9	4.9	15.8	33	3.0	667	
1983	14.4	16.3	1462	280	318	102.2	488.3	5.1	15.9	33	3.0	650	
1984	15.3	16.7	1546	292	319	100.6	502.4	5.2	16.6	33	3.1	635	
1985	14.3	15.2	1610	307	326	103.0	517.4	4.7	14.8	29	3.1	630	
1986	14.6	15.1	1714	321	332	104.7	532.8	4.6	14.4	28	3.2	623	
1987	14.3	14.3	1751	336	336	109.5	549.0	4.3	13.1	26	3.2	611	
EAST ASIA													
1977	31.7	55.4	7850	1171	2048	378.0	1472.9	2.7	14.6	38	5.3	1390	
1978	35.4	57.7	8269	1336	2176	433.6	1495.7	2.7	13.3	39	5.5	1455	
1979	40.6	60.9	8424	1534	2298	474.4	1518.8	2.6	12.8	40	5.5	1513	
1980	43.7	59.9	8634	1747	2399	496.7	1540.7	2.5	12.1	39	5.6	1557	
1981	49.4	61.9	8957	1994	2497	512.4	1562.9	2.5	12.1	40	5.7	1598	
1982	54.8	64.5	8587	2203	2592	523.0	1586.9	2.5	12.3	41	5.4	1634	
1983	57.9	65.6	8347	2389	2707	543.8	1611.2	2.4	12.1	41	5.2	1680	
1984	60.4	66.0	8373	2635	2878	557.1	1635.2	2.3	11.8	40	5.1	1760	
1985	64.9	68.9	8367	2859	3032	574.2	1658.2	2.3	12.0	42	5.0	1828	
1986	68.2	70.5	8621	3047	3147	591.5	1682.6	2.2	11.9	42	5.1	1870	
1987	69.9	69.9	8091	3306	3306	582.0	1708.4	2.1	12.0	41	4.7	1935	
EUROPE, ALL													
1977	252.5	441.5	9257	3962	6929	2190.3	779.8	6.4	20.2	566	11.9	8886	
1978	275.6	449.0	9338	4390	7153	2273.4	785.0	6.3	19.8	572	11.9	9112	
1979	305.6	457.7	9341	4887	7320	2394.1	790.2	6.3	19.1	579	11.8	9263	
1980	342.9	470.7	9470	5400	7412	2509.5	795.5	6.4	18.8	592	11.9	9317	
1981	380.0	475.8	9635	5933	7430	2598.7	800.9	6.4	18.3	594	12.0	9278	
1982	415.4	488.8	9692	6372	7498	2675.6	805.9	6.5	18.3	606	12.0	9305	
1983	438.8	497.2	9848	6740	7636	2708.5	810.9	6.5	18.4	613	12.1	9417	
1984	460.7	503.2	9848	7147	7806	2780.0	816.2	6.4	18.1	617	12.1	9564	
1985	483.5	512.7	9853	7519	7974	2833.8	821.4	6.4	18.1	624	12.0	9709	
1986	500.3	516.7	9966	7973	8234	2928.5	826.7	6.3	17.6	625	12.1	9961	
1987	525.9	525.9	9997	8375	8375	3003.5	831.8	6.3	17.5	632	12.0	10070	
—NATO EUROPE													
1977	67.2	117.6	3198	1935	3385	1241.9	321.6	3.5	9.5	366	9.9	10530	
1978	73.9	120.4	3159	2146	3496	1286.3	323.1	3.4	9.4	373	9.8	10820	
1979	82.4	123.4	3139	2420	3624	1350.3	324.7	3.4	9.1	380	9.7	11160	
1980	93.0	127.6	3175	2670	3665	1424.8	326.5	3.5	9.0	391	9.7	11230	
1981	103.4	129.5	3221	2920	3656	1476.5	328.4	3.5	8.8	394	9.8	11130	
1982	112.7	132.6	3257	3114	3664	1538.7	330.0	3.6	8.6	402	9.9	11100	
1983	120.1	136.1	3284	3282	3718	1575.0	331.6	3.7	8.6	410	9.9	11210	
1984	125.4	137.0	3295	3488	3810	1617.0	333.2	3.6	8.5	411	9.9	11430	
1985	130.7	138.6	3316	3680	3903	1637.2	334.9	3.6	8.5	414	9.9	11650	
1986	133.9	138.3	3356	3883	4011	1678.2	336.7	3.4	8.2	411	10.0	11910	
1987	141.5	141.5	3380	4098	4098	1702.0	338.5	3.5	8.3	418	10.0	12110	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP		
	Billion dollars			Billion dollars				GNP	CGE	PER CAPITA		Constant 1987 dollars	Soldiers	Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%	%				
—WARSAW PACT							d	d						
1977	175.4	306.7	5192	1598	2795	735.5	367.0	11.0	41.7	836	14.1	7616		
1978	190.9	311.1	5309	1775	2893	762.2	370.0	10.8	40.8	841	14.3	7818		
1979	210.9	315.8	5332	1942	2908	806.9	372.9	10.9	39.1	847	14.3	7800		
1980	236.0	324.0	5445	2142	2940	839.8	375.7	11.0	38.6	862	14.5	7824		
1981	261.2	327.1	5559	2367	2965	869.7	378.6	11.0	37.6	864	14.7	7831		
1982	286.0	336.5	5571	2568	3022	874.4	381.5	11.1	38.5	882	14.6	7921		
1983	301.0	341.0	5702	2731	3094	859.5	384.5	11.0	39.7	887	14.8	8048		
1984	317.0	346.2	5723	2886	3152	880.3	387.5	11.0	39.3	893	14.8	8133		
1985	333.4	353.5	5734	3021	3204	903.8	390.5	11.0	39.1	905	14.7	8205		
1986	346.5	357.8	5843	3229	3334	959.0	393.5	10.7	37.3	909	14.8	8473		
1987	364.5	364.5	5851	3366	3366	998.7	396.4	10.8	36.5	919	14.8	8491		
—OTHER EUROPE														
1977	9.9	17.2	867	428	749	212.9	91.2	2.3	8.1	189	9.5	8218		
1978	10.8	17.6	871	469	764	224.8	92.0	2.3	7.8	191	9.5	8307		
1979	12.3	18.4	870	525	787	236.9	92.6	2.3	7.8	199	9.4	8495		
1980	14.0	19.2	850	588	807	244.9	93.3	2.4	7.8	206	9.1	8654		
1981	15.3	19.2	855	646	809	252.5	93.9	2.4	7.6	205	9.1	8619		
1982	16.7	19.6	864	691	813	262.6	94.4	2.4	7.5	208	9.1	8608		
1983	17.7	20.1	861	728	824	274.0	94.9	2.4	7.3	212	9.1	8685		
1984	18.3	20.0	830	773	844	282.7	95.4	2.4	7.1	210	8.7	8850		
1985	19.4	20.6	803	818	867	292.7	95.9	2.4	7.0	215	8.4	9040		
1986	19.9	20.6	767	861	889	291.3	96.4	2.3	7.1	213	8.0	9226		
1987	19.9	19.9	766	911	911	302.7	96.9	2.2	6.6	206	7.9	9406		
LATIN AMERICA														
1977	7.0	12.3	1438	353	617	138.4	335.0	2.0	8.9	37	4.3	1842		
1978	7.3	11.9	1478	390	635	145.6	343.0	1.9	8.2	35	4.3	1853		
1979	7.6	11.4	1491	442	662	146.0	351.2	1.7	7.8	32	4.2	1884		
1980	9.6	13.2	1561	509	698	167.9	359.5	1.9	7.9	37	4.3	1942		
1981	10.9	13.7	1617	556	697	189.4	368.0	2.0	7.2	37	4.4	1893		
1982	15.1	17.8	1687	579	681	208.8	376.6	2.6	8.5	47	4.5	1808		
1983	14.6	16.5	1746	585	663	209.1	385.4	2.5	7.9	43	4.5	1721		
1984	15.9	17.4	1798	627	685	196.1	394.2	2.5	8.9	44	4.6	1737		
1985	17.2	18.2	1814	671	711	205.8	403.2	2.6	8.9	45	4.5	1765		
1986	17.6	18.1	1835	725	749	196.4	412.2	2.4	9.2	44	4.5	1817		
1987	15.2	15.2	1879	767	767	145.5	421.3	2.0	10.4	36	4.5	1821		
MIDDLE EAST														
1977	48.1	84.1	1554	350	612	289.7	121.3	13.7	29.0	693	12.8	5044		
1978	54.7	89.1	1836	350	570	281.9	125.3	15.6	31.6	712	14.7	4553		
1979	52.6	78.7	1998	443	664	295.4	129.7	11.9	26.6	607	15.4	5122		
1980	62.7	86.1	1944	532	731	346.8	134.5	11.8	24.8	640	14.5	5432		
1981	72.4	90.7	1883	583	730	324.6	139.5	12.4	27.9	650	13.5	5236		
1982	82.5	97.1	1909	611	719	337.2	144.5	13.5	28.8	672	13.2	4974		
1983	86.4	97.9	2040	611	692	335.5	149.5	14.2	29.2	655	13.6	4629		
1984	90.4	98.7	2531	608	664	300.9	154.6	14.9	32.8	638	16.4	4292		
1985	86.8	92.1	2541	605	642	293.7	159.9	14.3	31.3	576	15.9	4013		
1986	77.0	79.5	2503	584	603	245.1	165.2	13.2	32.4	481	15.1	3649		
1987	67.5	67.5	2684	613	613	211.2	170.7	11.0	32.0	396	15.7	3591		

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME GNP	ME CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Billion dollars			Billion dollars									Billion dollars
	Current	Constant 1987		Current	Constant 1987								Constant 1987
			Thousands				Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars	
NORTH AMERICA													
1977	104.3	182.4	2138	2163	3784	809.3	243.6	4.8	22.5	749	8.8	15540	
1978	113.1	184.3	2112	2443	3981	847.3	246.1	4.6	21.7	749	8.6	16170	
1979	126.2	189.0	2129	2727	4083	857.8	248.8	4.6	22.0	760	8.6	16410	
1980	148.4	203.7	2183	2974	4082	929.7	251.8	5.0	21.9	809	8.7	16210	
1981	174.9	219.0	2249	3326	4165	980.5	254.5	5.3	22.3	861	8.8	16360	
1982	202.4	238.1	2282	3446	4055	1010.8	257.2	5.9	23.6	926	8.9	15770	
1983	223.4	253.1	2282	3708	4200	1059.5	259.7	6.0	23.9	975	8.8	16170	
1984	244.2	266.8	2304	4102	4481	1075.5	262.1	6.0	24.8	1018	8.8	17090	
1985	273.7	290.3	2327	4369	4633	1161.9	264.7	6.3	25.0	1097	8.8	17510	
1986	289.3	298.8	2354	4614	4766	1164.0	267.2	6.3	25.7	1118	8.8	17830	
1987	305.1	305.1	2365	4929	4929	1151.7	269.7	6.2	26.5	1131	8.8	18280	
OCEANIA													
1977	2.3	4.0	87	105	184	53.2	20.5	2.2	7.4	193	4.2	8943	
1978	2.5	4.1	87	117	191	55.2	20.8	2.1	7.3	195	4.2	9177	
1979	2.7	4.0	88	129	193	53.4	21.1	2.1	7.5	190	4.2	9188	
1980	3.1	4.3	89	145	199	53.7	21.4	2.2	8.0	201	4.2	9303	
1981	3.7	4.6	89	162	203	56.3	21.7	2.3	8.1	211	4.1	9346	
1982	4.1	4.8	90	170	200	57.5	22.1	2.4	8.4	218	4.1	9088	
1983	4.5	5.1	91	185	210	62.4	22.4	2.4	8.2	228	4.1	9367	
1984	4.9	5.3	90	200	219	67.2	22.7	2.4	7.9	235	4.0	9624	
1985	5.2	5.5	90	213	226	69.5	23.0	2.4	7.9	240	3.9	9823	
1986	5.5	5.7	89	221	228	70.8	23.4	2.5	8.1	245	3.8	9784	
1987	5.8	5.8	89	236	236	70.9	23.7	2.5	8.2	245	3.7	9955	
SOUTH ASIA													
1977	4.2	7.3	2182	116	204	35.7	849.0	3.6	20.5	9	2.6	240	
1978	4.8	7.8	2102	133	217	41.1	867.6	3.6	18.9	9	2.4	251	
1979	5.0	7.5	2082	141	211	42.0	887.2	3.5	17.8	8	2.3	238	
1980	5.4	7.4	1724	163	224	42.9	907.2	3.3	17.3	8	1.9	247	
1981	6.4	8.0	1817	191	239	44.6	927.9	3.4	18.0	9	2.0	257	
1982	7.6	8.9	1878	210	247	47.5	949.1	3.6	18.7	9	2.0	260	
1983	8.8	9.9	2034	233	264	50.8	970.7	3.8	19.5	10	2.1	272	
1984	9.6	10.5	2223	250	273	56.8	992.6	3.8	18.5	11	2.2	275	
1985	10.4	11.0	2351	273	289	64.5	1014.9	3.8	17.0	11	2.3	285	
1986	11.3	11.6	2270	292	302	84.6	1037.5	3.9	13.8	11	2.2	291	
1987	12.8	12.8	2290	310	310	70.2	1060.4	4.1	18.2	12	2.2	292	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Billion dollars			Billion dollars				GNP	CGE			
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars
BY ORGANIZATION ^a												
NATO, ALL												
1977	171.5	300.0	5337	4099	7168	2051.1	565.1	4.2	14.6	531	9.4	12680
1978	187.0	304.7	5271	4589	7477	2133.6	569.2	4.1	14.3	535	9.3	13140
1979	208.7	312.5	5268	5146	7708	2208.1	573.5	4.1	14.2	545	9.2	13440
1980	241.4	331.3	5358	5644	7747	2354.4	578.4	4.3	14.1	573	9.3	13400
1981	278.3	348.6	5469	6245	7821	2457.0	582.9	4.5	14.2	598	9.4	13420
1982	315.1	370.8	5539	6560	7719	2549.4	587.2	4.8	14.5	631	9.4	13150
1983	343.5	389.2	5566	6989	7919	2634.5	591.3	4.9	14.8	658	9.4	13390
1984	369.6	403.7	5599	7590	8290	2692.5	595.4	4.9	15.0	678	9.4	13920
1985	404.4	428.9	5643	8049	8536	2799.2	599.6	5.0	15.3	715	9.4	14240
1986	423.2	437.1	5710	8498	8776	2842.2	604.0	5.0	15.4	724	9.5	14530
1987	446.6	446.6	5745	9027	9027	2853.8	608.2	4.9	15.6	734	9.4	14840
								d	d			
WARSAW PACT												
1977	175.4	306.7	5192	1598	2795	735.5	367.0	11.0	41.7	836	14.1	7616
1978	190.9	311.1	5309	1775	2893	762.2	370.0	10.8	40.8	841	14.3	7818
1979	210.9	315.8	5332	1942	2908	806.9	372.9	10.9	39.1	847	14.3	7800
1980	236.0	324.0	5445	2142	2940	839.8	375.7	11.0	38.6	862	14.5	7824
1981	261.2	327.1	5559	2367	2965	869.7	378.6	11.0	37.6	864	14.7	7831
1982	286.0	336.5	5571	2568	3022	874.4	381.5	11.1	38.5	882	14.6	7921
1983	301.0	341.0	5702	2731	3094	859.5	384.5	11.0	39.7	887	14.8	8048
1984	317.0	346.2	5723	2886	3152	880.3	387.5	11.0	39.3	893	14.8	8133
1985	333.4	353.5	5734	3021	3204	903.8	390.5	11.0	39.1	905	14.7	8205
1986	346.5	357.8	5843	3229	3334	959.0	393.5	10.7	37.3	909	14.8	8473
1987	364.5	364.5	5851	3366	3366	998.7	396.4	10.8	36.5	919	14.8	8491
OPEC												
1977	40.6	71.0	1359	402	703	287.2	325.2	10.1	24.7	218	4.2	2160
1978	49.8	81.2	1501	404	659	279.2	335.0	12.3	29.1	242	4.5	1967
1979	46.3	69.3	1627	510	763	286.3	345.2	9.1	24.2	201	4.7	2210
1980	54.9	75.3	1525	608	834	336.5	355.9	9.0	22.4	212	4.3	2344
1981	66.1	82.7	1454	656	821	322.1	366.7	10.1	25.7	226	4.0	2238
1982	72.8	85.7	1485	681	801	322.3	377.7	10.7	26.6	227	3.9	2121
1983	74.6	84.5	1541	678	768	317.4	387.7	11.0	26.6	218	4.0	1981
1984	77.4	84.5	2063	676	738	280.2	398.0	11.4	30.2	212	5.2	1855
1985	73.7	78.2	2077	677	718	281.4	409.1	10.9	27.8	191	5.1	1755
1986	65.2	67.4	2102	660	681	238.6	420.1	9.9	28.2	160	5.0	1622
1987	57.1	57.1	2207	683	683	210.4	431.6	8.4	27.2	132	5.1	1582
OECD												
1977	190.5	333.1	6206	5508	9634	2570.0	762.8	3.5	13.0	437	8.1	12630
1978	208.3	339.4	6145	6163	10040	2699.4	768.6	3.4	12.6	442	8.0	13060
1979	233.0	348.9	6145	6933	10380	2811.9	774.5	3.4	12.4	450	7.9	13410
1980	268.9	369.1	6227	7666	10520	2988.6	780.8	3.5	12.4	473	8.0	13480
1981	309.5	387.5	6348	8520	10670	3116.8	786.8	3.6	12.4	493	8.1	13560
1982	349.8	411.6	6429	9032	10630	3230.1	792.5	3.9	12.7	519	8.1	13410
1983	381.3	432.0	6452	9632	10910	3344.1	798.0	4.0	12.9	541	8.1	13680
1984	409.9	447.7	6453	10450	11410	3421.3	803.3	3.9	13.1	557	8.0	14210
1985	447.6	474.7	6469	11120	11790	3540.4	808.7	4.0	13.4	587	8.0	14580
1986	468.5	483.8	6529	11720	12110	3576.5	814.3	4.0	13.5	594	8.0	14870
1987	495.0	495.0	6562	12470	12470	3593.5	819.6	4.0	13.8	604	8.0	15220

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars				GNP	CGE			
	Current	Constant 1987		Current	Constant 1987			Constant 1987	Constant 1987			
BY COUNTRY												
Afghanistan												
1977	53	93	143	2408	4211	485	14.9	2.2	19.2	6	9.6	283
1978	62	101	110	2690	4383	502	15.3	2.3	20.1	7	7.2	287
1979	176 E	263 E	89	2901	4345	577	15.6	6.1	45.7	17	5.7	279
1980	187 E	257 E	43	3068	4211	797	15.0	6.1	32.2	17	2.9	281
1981	177 E	222 E	45	3455	4327	816	14.1	5.1	27.1	16	3.2	307
1982	166 E	195 E	55	3517 E	4138 E	614	13.6	4.7	31.7	14	4.0	303
1983	227 E	258 E	75	3530 E	3999 E	410 E	13.7	6.4	62.9	19	5.5	292
1984	313 E	342 E	60	3458 E	3777 E	531 E	13.8	9.1	64.4	25	4.3	273
1985	NA	NA	55	3278 E	3476 E	NA	13.9	NA	NA	NA	4.0	250
1986	NA	NA	60	3120 E	3222 E	NA	14.0	NA	NA	NA	4.3	230
1987	NA	NA	55	3083 E	3083 E	NA	14.2	NA	NA	NA	3.9	217
Albania												
1977	115	201	45	NA	NA	NA	2.5	NA	NA	80	17.7	NA
1978	119 E	194 E	45	2150	3503	1817	2.6	5.5	10.7	76	17.5	1367
1979	NA	NA	45	NA	NA	NA	2.6	NA	NA	NA	17.3	NA
1980	NA	NA	46	NA	NA	NA	2.7	NA	NA	NA	17.2	NA
1981	134 E	168 E	41	NA	NA	1463	2.7	NA	11.5	62	15.2	NA
1982	134 E	158 E	42	NA	NA	NA	2.8	NA	NA	57	15.0	NA
1983	130 E	147 E	42	NA	NA	1416	2.8	NA	10.4	52	14.9	NA
1984	143 E	156 E	42	NA	NA	1420	2.9	NA	11.0	54	14.3	NA
1985	143 E	152 E	42	2700	2864	1389	3.0	5.3	10.9	51	14.1	967
1986	NA	NA	42	2800	2892	NA	3.0	NA	NA	NA	13.9	956
1987	151 E	151 E	42	2940 E	2940 E	1360 E	3.1	5.1	11.1	49	13.7	953
Algeria												
	E b	E b										
1977	723	1264	75	23820	41650	12610	17.2	3.0	10.0	74	4.4	2428
1978	896	1460	76	27790	45290	13330	17.7	3.2	10.9	82	4.3	2558
1979	1037	1553	88	32130	48120	13160	18.3	3.2	11.8	85	4.8	2634
1980	1039	1427	101	36450	50040	14290	18.9	2.9	10.0	76	5.4	2655
1981	1735	2173	101	41880	52450	16590	19.5	4.1	13.1	112	5.2	2696
1982	2072	2438	120	46380	54580	19620	20.1	4.5	12.4	121	6.0	2719
1983	1526	1729	130	51130	57920	22280	20.7	3.0	7.8	83	6.3	2797
1984	1511	1650	170	55420	60540	24320	21.4	2.7	6.8	77	8.0	2833
1985	1513	1604	170	60160	63810	25900	22.0	2.5	6.2	73	7.7	2894
1986	1700	1756	180	61910	63940	24630	22.7	2.7	7.1	77	7.9	2811
1987	1930	1930	170	65200	65200	23180	23.5	3.0	8.3	82	7.2	2779
Angola												
1977	NA	NA	47	4639	8114	NA	6.2	NA	NA	NA	7.6	1312
1978	NA	NA	47	5192	8460	NA	6.3	NA	NA	NA	7.4	1340
1979	NA	NA	47	5778	8654	NA	6.5	NA	NA	NA	7.2	1332
1980	NA	NA	47	6658	9139	NA	6.8	NA	NA	NA	6.9	1345
1981	NA	NA	53	7149	8953	NA	7.0	NA	NA	NA	7.6	1288
1982	NA	NA	54	8022	9439	4301 E	7.1	NA	NA	NA	7.6	1326
1983	845 E	957 E	54	8456	9580	3329 E	7.3	10.0	28.8	132	7.4	1319
1984	NA	NA	60	8991	9820	NA	7.4	NA	NA	NA	8.1	1324
1985	NA	NA	66	9741	10330	NA	7.6	NA	NA	NA	8.7	1365
1986	NA	NA	70	NA	NA	NA	7.7	NA	NA	NA	9.1	NA
1987	NA	NA	74	NA	NA	NA	8.0	NA	NA	NA	9.3	NA

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Million dollars			Million dollars									Million dollars
	Current	Constant 1987		Current	Constant 1987								Constant 1987
			Thousands				Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars	
Argentina													
1977	1467	2566	155	45650	79830	13640	26.9	3.2	18.8	95	5.8	2968	
1978	1416	2307	155	47270	77020	14930	27.3	3.0	15.5	84	5.7	2817	
1979	1743	2610	155	54900	82220	15820	27.8	3.2	16.5	94	5.6	2959	
1980	2141	2939	155	60270	82730	17370	28.2	3.6	16.9	104	5.5	2930	
1981	2263	2834	155	59590	74620	19180	28.7	3.8	14.8	99	5.4	2602	
1982	3837	4515	175	59190	69650	17430	29.1	6.5	25.9	155	6.0	2393	
1983	2902	3288	175	62820	71170	21990	29.5	4.6	14.9	111	5.9	2410	
1984	2473 E	2701 E	174	66870	73040	15660	29.9	3.7	17.2	90	5.8	2439	
1985	2203 E	2336 E	129	66610	70650	21760	30.4	3.3	10.7	77	4.3	2328	
1986	1503 E	1552 E	104	73390	75790	18520	30.8	2.0	8.4	50	3.4	2465	
1987	1100 E	1100 E	118	76850	76850	9168	31.1	1.4	12.0	35	3.8	2467	
Australia													
1977	1937	3388	70	85720	149900	39740	14.1	2.3	8.5	241	5.0	10650	
1978	2135	3479	70	96620	157400	41110	14.2	2.2	8.5	244	4.9	11050	
1979	2291	3431	70	106700	159800	39910	14.4	2.1	8.6	238	4.9	11080	
1980	2637	3619	71	119700	164400	39670	14.6	2.2	9.1	248	4.9	11250	
1981	3067	3841	72	133600	167300	41040	14.9	2.3	9.4	259	4.8	11260	
1982	3438	4045	73	140500	165300	42050	15.1	2.4	9.6	268	4.8	10950	
1983	3844	4356	73	153100	173400	46300	15.3	2.5	9.4	285	4.8	11330	
1984	4184	4570	71	165800	181100	50340	15.5	2.5	9.1	295	4.6	11700	
1985	4510	4783	70	177500	188300	53070	15.7	2.5	9.0	305	4.5	12010	
1986	4781	4938	71	184700	190700	53870	15.9	2.6	9.2	311	4.5	12010	
1987	4986	4986	70	197900	197900	54490	16.1	2.5	9.2	310	4.4	12320	
Austria													
1977	618	1082	37	55470	97010	35010	7.6	1.1	3.1	143	4.9	12820	
1978	708	1154	40	59770	97380	37990	7.6	1.2	3.0	153	5.3	12880	
1979	815	1220	40	68180	102100	39630	7.5	1.2	3.1	162	5.3	13530	
1980	880	1207	40	76650	105200	40640	7.5	1.1	3.0	160	5.3	13940	
1981	957	1198	40	83910	105100	41690	7.6	1.1	2.9	158	5.3	13890	
1982	1136 E	1337 E	40	90360	106300	42770	7.6	1.3	3.1	177	5.3	14040	
1983	1284 E	1455 E	50	95790	108500	44590	7.6	1.3	3.3	193	6.6	14370	
1984	1356 E	1481 E	40	101400	110700	44960	7.6	1.3	3.3	196	5.3	14660	
1985	1431 E	1518 E	40	107700	114200	45790	7.6	1.3	3.3	201	5.3	15110	
1986	1516 E	1565 E	39	112100	115800	47460	7.6	1.4	3.3	207	5.2	15310	
1987	1447 E	1447 E	39	116800	116800	47110	7.6	1.2	3.1	191	5.2	15440	
Bahrain													
					E								
1977	38	67	2	1466	2564	1247	0.3	2.6	5.3	224	6.7	8622	
1978	108	176	2	1840	2998	1320	0.3	5.9	13.3	544	6.2	9294	
1979	143	215	2	2229	3338	1124	0.3	6.4	19.1	639	6.0	9933	
1980	157	216	2	3120	4283	1379	0.3	5.0	15.7	622	5.8	12320	
1981	215	269	2	3479	4357	1418	0.4	6.2	19.0	740	5.5	11990	
1982	281	330	2	3680	4330	1634	0.4	7.6	20.2	868	5.3	11380	
1983	166	188	2	3785	4288	1768	0.4	4.4	10.6	472	5.0	10780	
1984	148	162	3	3887	4245	1587	0.4	3.8	10.2	389	7.2	10220	
1985	151	160	3	3657	3878	1488	0.4	4.1	10.7	370	6.9	8978	
1986	161	166	4	3248	3354	1406	0.4	4.9	11.8	370	7.8	7488	
1987	160	160	4	3865	3865	1151	0.5	4.1	13.9	346	8.6	8328	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			GNP	CGE							
	Current	Constant 1987				Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars
Bangladesh												
1977	147	257	126	6748	11800	1767	80.4	2.2	14.6	3	1.6	147
1978	157	256	129	7723	12580	1501	82.9	2.0	17.1	3	1.6	152
1979	126	189	120	8797	13180	1774	85.5	1.4	10.7	2	1.4	154
1980	143	196	71	9753	13390	1560	88.1	1.5	12.6	2	0.8	152
1981	173	217	77	11390	14260	2294	90.7	1.5	9.4	2	0.8	157
1982	209	246	77	12150	14300	2070	93.3	1.7	11.9	3	0.8	153
1983	282	320	81	13060	14790	1824	95.9	2.2	17.5	3	0.8	154
1984	269	294	91	14170	15480	1843	98.7	1.9	16.0	3	0.9	157
1985	256	272	91	15100	16020	2088	101.4	1.7	13.0	3	0.9	158
1986	279	288	95	16240	16770	NA	104.2	1.7	NA	3	0.9	161
1987	321	321	100	17480	17480	1219 E	107.1	1.8	26.4	3	0.9	163
Barbados												
1977	1	2	0	623	1089	363	0.2	0.2	0.6	9	0.8	4407
1978	2	3	0	714	1164	349	0.2	0.2	0.8	11	0.8	4696
1979	3	5	2	832	1246	369	0.2	0.4	1.3	19	8.0	5015
1980	11	15	1	956	1312	418	0.3	1.1	3.6	59	4.0	5206
1981	12	15	1	1011	1266	427	0.3	1.1	3.4	58	4.0	5032
1982	8	10	1	1019	1200	392	0.3	0.8	2.5	40	4.0	4765
1983	9	10	1	1048	1188	378	0.3	0.9	2.8	41	4.0	4711
1984	11	12	1	1129	1233	409	0.3	1.0	2.9	48	4.0	4881
1985	12	13	1	1168	1239	424	0.3	1.0	3.0	50	3.9	4887
1986	8	8	1	1291	1334	436	0.3	0.6	1.8	32	2.0	5240
1987	NA	NA	1	1349	1349	443	0.3	NA	NA	NA	2.0	5277
Belgium												
1977	2197	3842	107	68570	119900	58050	9.8	3.2	6.6	391	10.9	12210
1978	2526	4116	109	75800	123500	62320	9.8	3.3	6.6	419	11.1	12570
1979	2807	4203	107	83830	125500	64980	9.8	3.3	6.5	427	10.9	12760
1980	3196	4388	108	94570	129800	67960	9.8	3.4	6.5	446	10.9	13180
1981	3625	4539	110	102100	127800	73860	9.9	3.6	6.1	461	11.1	12980
1982	3797	4467	109	110200	129700	74930	9.9	3.4	6.0	453	11.0	13160
1983	3834	4344	109	114200	129400	75540	9.9	3.4	5.7	441	11.1	13140
1984	3835	4189	107	120700	131800	79460	9.9	3.2	5.3	425	10.9	13380
1985	3882	4117	107	126000	133700	78300	9.9	3.1	5.3	418	10.9	13560
1986	4056	4188	107	132800	137200	76540	9.9	3.1	5.5	425	10.8	13900
1987	4163	4163	109	137600	137600	73950 E	9.9	3.0	5.6	422	11.0	13940
Benin												
1977	10	17	NA	677	1185	320	3.1	1.4	5.3	5	NA	376
1978	10	16	4	737	1201	250	3.2	1.3	6.4	5	1.2	371
1979	15	23	4	854	1279	291	3.3	1.8	8.0	7	1.2	384
1980	20	28	4	992	1362	279	3.4	2.0	9.9	8	1.2	397
1981	36	46	6	1195	1497	313	3.5	3.0	14.6	13	1.7	422
1982	NA	NA	6	1356	1595	404	3.7	NA	NA	NA	1.6	436
1983	39	44	6	1367	1549	NA	3.8	2.8	NA	12	1.6	410
1984	37	41	6	1445	1578	401	3.9	2.6	10.2	10	1.5	404
1985	NA	NA	6	1594	1690	NA	4.0	NA	NA	NA	1.5	418
1986	34	35	4	1631	1684	227	4.2	2.1	15.5	8	1.0	402
1987	NA	NA	4	1646	1646	NA	4.3	NA	NA	NA	0.9	379

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP		
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		Constant 1987 dollars	Soldiers	Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%	%				
Bolivia	f	f		f	f	f					f	f		
1977	55	96	20	2813	4919	651	5.0	2.0	14.7	19	4.0	976		
1978	69	113	20	3106	5061	699	5.2	2.2	16.1	22	3.9	981		
1979	77	115	20	3332	4991	688	5.3	2.3	16.6	22	3.8	946		
1980	97	133	24	3538	4857	742	5.4	2.7	18.0	25	4.4	900		
1981	125	157	26	3856	4829	692	5.5	3.3	22.7	28	4.7	875		
1982	69	81	26	3881	4567	NA	5.6	1.8	NA	14	4.6	809		
1983	47	53	27	3769	4270	496	5.8	1.2	10.7	9	4.7	739		
1984	67	74	28	3906	4266	NA	5.9	1.7	NA	12	4.7	722		
1985	NA	NA	28	3888	4124	NA	6.0	NA	NA	NA	4.6	683		
1986	121E	125 E	30	3914	4043	NA	6.2	3.1	NA	20	4.9	655		
1987	127E	127 E	30	4160	4160	762 E	6.3	3.0	16.6	20	4.8	659		
Botswana														
1977	5	9	1	227	397	164	0.8	2.2	5.2	11	1.5	507		
1978	12	20	1	288	470	240	0.8	4.2	8.2	24	1.2	570		
1979	16	24	2	347	520	245	0.9	4.7	9.9	28	2.3	602		
1980	17	24	3	441	605	280	0.9	3.9	8.5	26	3.3	670		
1981	19	24	3	491	615	307	0.9	3.9	7.9	26	3.2	656		
1982	18	21	3	542	637	363	1.0	3.3	5.8	22	3.1	658		
1983	21	24	3	679	769	386	1.0	3.1	6.2	24	3.0	768		
1984	27	30	3	846	924	501	1.0	3.2	6.0	29	2.9	892		
1985	24 E	26 E	3	899	953	518	1.1	2.7	5.0	24	2.8	889		
1986	NA	NA	4	1037	1071	565	1.1	NA	NA	NA	3.6	965		
1987	24 E	24 E	4	1094	1094	633	1.1	2.2	3.8	21	3.5	952		
Brazil														
1977	1085	1897	450	113900	199300	47540	114.1	1.0	4.0	17	3.9	1746		
1978	1112	1812	450	127300	207400	52500	117.0	0.9	3.5	15	3.8	1772		
1979	1117	1673	450	147900	221500	52750	120.0	0.8	3.2	14	3.7	1845		
1980	1253	1720	450	175200	240500	60900	123.2	0.7	2.8	14	3.7	1952		
1981	1326	1661	450	183800	230200	64760	126.4	0.7	2.6	13	3.6	1821		
1982	1933	2274	460	194800	229200	70740	129.7	1.0	3.2	18	3.5	1767		
1983	1756	1990	460	196400	222500	70810	133.1	0.9	2.8	15	3.5	1671		
1984	1801	1967	459	215600	235500	69320	136.5	0.8	2.8	14	3.4	1725		
1985	2446	2595	496	241500	256100	72210	140.0	1.0	3.6	19	3.5	1829		
1986	3860 E	3986 E	527	272400	281400	65010	143.5	1.4	6.1	28	3.7	1960		
1987	2200 E	2200 E	541	291300	291300	35490	147.1	0.8	6.2	15	3.7	1980		
Bulgaria	E	E						d	d					
1977	3314	5796	186	32750	57270	20010	8.8	10.1	29.0	659	21.1	6511		
1978	3566	5810	187	35890	58480	22560	8.8	9.9	25.8	660	21.2	6643		
1979	3832	5739	187	40580	60770	22690	8.8	9.4	25.3	651	21.2	6897		
1980	4268	5859	188	43030	59070	22200	8.8	9.9	26.4	662	21.2	6679		
1981	4694	5878	188	48460	60680	25530	8.9	9.7	23.0	663	21.2	6842		
1982	5424	6382	188	53170	62570	26410	8.9	10.2	24.2	718	21.1	7036		
1983	5646	6397	189	54300	61520	25550	8.9	10.4	25.0	718	21.2	6905		
1984	5863	6404	189	58090	63450	26230	8.9	10.1	24.4	717	21.2	7106		
1985	6082	6450	189	57750	61250	26530	8.9	10.5	24.3	721	21.2	6848		
1986	6372	6581	190	62250	64290	31830	9.0	10.2	20.7	735	21.2	7181		
1987	6656	6656	191	64780	64780	29080	9.0	10.3	22.9	743	21.3	7229		

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP	
	Million dollars			Million dollars				GNP	CGE			Constant 1987 dollars	Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%			%	Soldiers
Burkina Faso (formerly Upper Volta)													
1977	20	35	6	680	1190	169	6.7	3.0	20.8	5	0.9	178	
1978	24	40	6	779	1269	169	6.8	3.1	23.5	6	0.9	186	
1979	23	35	4	914	1369	210	6.9	2.5	16.5	5	0.6	197	
1980	25	35	5	1029	1412	197	7.1	2.5	17.7	5	0.7	199	
1981	30	38	8	1181	1479	219	7.2	2.6	17.3	5	1.1	204	
1982	34	40	9	1252	1474	224	7.4	2.7	17.8	5	1.2	200	
1983	34	39	9	1279	1449	187	7.5	2.7	20.7	5	1.2	192	
1984	36	39	9	1319	1440	220	7.7	2.7	17.7	5	1.2	187	
1985	38	40	9	1482	1571	215	7.9	2.5	18.5	5	1.1	199	
1986	NA	NA	9	1553	1604	264 E	8.1	NA	NA	NA	1.1	199	
1987	51	51	9	1638	1638	292	8.3	3.1	17.6	6	1.1	198	
Burma													
1977	117	205	208	3185	5570	783	31.5	3.7	26.2	7	6.6	177	
1978	127	208	212	3640	5931	899	32.2	3.5	23.1	6	6.6	184	
1979	149	223	212	4165	6237	916	32.8	3.6	24.4	7	6.5	190	
1980	171	235	179	4904	6732	1071	33.5	3.5	21.9	7	5.3	201	
1981	205	256	210	5718	7160	1151	34.2	3.6	22.3	7	6.1	209	
1982	207	244	210	6419	7553	1262	35.0	3.2	19.3	7	6.0	216	
1983	217	246	210	6954	7879	1236	35.7	3.1	19.9	7	5.9	221	
1984	226	247	210	7616	8318	1291	36.5	3.0	19.1	7	5.8	228	
1985	250	265	210	8179	8675	1352	37.2	3.1	19.6	7	5.6	233	
1986	262E	270 E	210	8704	8989	1294 E	38.0	3.0	20.9	7	5.5	236	
1987	281E	281 E	210	9357	9357	NA	38.8	3.0	NA	7	5.4	241	
Burundi													
1977	14	25	8	531	929	204	3.8	2.7	12.4	7	2.1	243	
1978	16	26	7	565	920	216	3.9	2.8	12.1	7	1.8	235	
1979	18	27	7	633	949	222	4.0	2.9	12.3	7	1.7	236	
1980	27	37	7	719	987	206	4.1	3.7	17.8	9	1.7	240	
1981	34	42	7	861	1078	260	4.2	3.9	16.2	10	1.7	258	
1982	33	38	7	882	1038	258	4.3	3.7	14.8	9	1.6	242	
1983	35	40	7	927	1050	253	4.5	3.8	15.7	9	1.6	235	
1984	33	36	8	987	1078	244	4.6	3.3	14.6	8	1.7	235	
1985	34	36	9	1056	1120	286	4.7	3.2	12.5	8	1.9	237	
1986	38	39	10	1135	1172	312	4.9	3.4	12.6	8	2.1	241	
1987	37	37	10	1192	1192	287 E	5.0	3.1	12.7	7	2.0	238	
Cambodia													
1977	NA	NA	70	NA	NA	NA	6.0	NA	NA	NA	11.6	NA	
1978	NA	NA	70	NA	NA	NA	5.9	NA	NA	NA	11.9	NA	
1979	NA	NA	NA	NA	NA	NA	5.8	NA	NA	NA	NA	NA	
1980	NA	NA	35	NA	NA	NA	5.7	NA	NA	NA	6.1	NA	
1981	NA	NA	20	600E	751E	250 E	5.8	NA	NA	NA	3.5	130	
1982	NA	NA	20	NA	NA	NA	5.9	NA	NA	NA	3.4	NA	
1983	NA	NA	20	NA	NA	NA	6.0	NA	NA	NA	3.3	NA	
1984	NA	NA	30	NA	NA	NA	6.1	NA	NA	NA	4.9	NA	
1985	NA	NA	35	NA	NA	NA	6.2	NA	NA	NA	5.6	NA	
1986	NA	NA	40	NA	NA	NA	6.4	NA	NA	NA	6.3	NA	
1987	NA	NA	40	NA	NA	NA	6.5	NA	NA	NA	6.1	NA	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars
Cameroon												
1977	43	76	11	3019	5281	926	7.9	1.4	8.2	10	1.4	668
1978	57	93	11	3778	6156	1089	8.1	1.5	8.5	11	1.4	759
1979	69	103	11	4612	6907	1129	8.3	1.5	9.1	12	1.3	830
1980	81	111	11	5707	7834	1227	8.6	1.4	9.1	13	1.3	913
1981	74	93	14	7065	8847	1833	8.8	1.0	5.0	11	1.6	1004
1982	84E	99 E	14	7946	9350	1931	9.0	1.1	5.1	11	1.6	1040
1983	179	202	15	8901	10080	2465	9.2	2.0	8.2	22	1.6	1094
1984	187	204	15	9904	10820	2578	9.5	1.9	7.9	22	1.6	1143
1985	211	224	15	11120	11790	2689	9.7	1.9	8.3	23	1.5	1212
1986	259E	268 E	151	2620	13040	2963	10.0	2.1	9.0	27	1.5	1306
1987	246	246	15	12880	12880	2927	10.3	1.9	8.4	24	1.5	1256
Canada												
1977	3372	5897	78	172900	302400	68130	23.3	1.9	8.7	253	3.4	12970
1978	3860	6289	79	193400	315200	72300	23.6	2.0	8.7	267	3.4	13380
1979	3946	5910	79	218300	326900	71990	23.8	1.8	8.2	248	3.3	13740
1980	4433	6085	82	241800	331900	75500	24.1	1.8	8.1	253	3.4	13790
1981	5017	6283	81	272900	341800	80620	24.4	1.8	7.8	258	3.3	14030
1982	5972	7027	81	280200	329700	86340	24.7	2.1	8.1	285	3.3	13370
1983	6248	7079	81	301800	342000	89720	24.9	2.1	7.9	284	3.3	13730
1984	7178	7840	82	330100	360600	96040	25.1	2.2	8.2	312	3.3	14340
1985	7918	8398	83	353600	375000	97350	25.4	2.2	8.6	331	3.3	14780
1986	8396	8671	85	374000	386300	94230	25.6	2.2	9.2	338	3.3	15080
1987	8835	8835	86	402100	402100	94250	25.9	2.2	9.4	342	3.3	15550
Cape Verde												
1977	2	3	2	57	99	39	0.3	3.0	7.6	10	7.0	347
1978	2	3	4	64	104	56	0.3	2.9	5.4	11	13.8	360
1979	2	3	4	72	108	57	0.3	2.4	4.5	9	13.7	368
1980	12	16	4	103	141	95	0.3	11.3	16.8	54	13.5	477
1981	13	16	4	107	135	118	0.3	11.8	13.5	53	13.3	447
1982	NA	NA	4	118	138	NA	0.3	NA	NA	NA	13.0	451
1983	NA	NA	4	122	138	NA	0.3	NA	NA	NA	12.8	441
1984	NA	NA	6	133	145	NA	0.3	NA	NA	NA	18.8	454
1985	NA	NA	6	141	149	NA	0.3	NA	NA	NA	18.3	456
1986	NA	NA	4	159	165	NA	0.3	NA	NA	NA	11.9	491
1987	NA	NA	4	175	175	NA	0.3	NA	NA	NA	11.6	507
Central African Republic												
1977	10	18	7	536	937	174	2.1	1.9	10.3	8	3.3	442
1978	11	18	4	590	961	175	2.2	1.9	10.4	8	1.8	443
1979	13	19	4	620	928	173	2.2	2.0	10.9	9	1.8	419
1980	13	18	4	654	898	162	2.3	2.1	11.3	8	1.8	396
1981	16	20	4	703	881	196	2.3	2.3	10.1	9	1.7	379
1982	16	19	5	791	931	NA	2.4	2.0	NA	8	2.1	392
1983	15	17	4	766	868	NA	2.4	1.9	NA	7	1.6	357
1984	NA	NA	5	862	942	231	2.5	NA	NA	NA	2.0	379
1985	NA	NA	5	913	968	271	2.5	NA	NA	NA	2.0	381
1986	NA	NA	5	948	979	265	2.6	NA	NA	NA	1.9	376
1987	NA	NA	5	1056	1056	290	2.7	NA	NA	NA	1.9	396

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars				GNP	CGE			
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%			
Chad												
1977	18	32	9	563	985	112	4.0	3.3	28.7	8	2.3	247
1978	18	29	NA	600	978	112	4.1	3.0	25.8	7	NA	241
1979	20	30	NA	521	780	105	4.1	3.9	29.0	7	NA	192
1980	NA	NA	NA	532	731	NA	4.0	NA	NA	NA	NA	182
1981	NA	NA	NA	589	738	NA	4.1	NA	NA	NA	NA	181
1982	NA	NA	NA	661	778	NA	4.3	NA	NA	NA	NA	182
1983	8	9	NA	716	811	51 E	4.4	1.1	18.1	2	NA	184
1984	12	13	16	698	762	57 E	4.4	1.7	23.0	3	3.6	172
1985	18	19	16	957	1015	59 E	4.4	1.9	32.3	4	3.6	228
1986	31	32	22	933	963	87	4.5	3.3	37.1	7	4.9	212
1987	34	34	30	968	968	86	4.6	3.5	40.1	7	6.5	208
Chile												
	e	e										
1977	313	547	111	7748	13550	4582	10.6	4.0	11.9	52	10.5	1278
1978	378	616	111	8992	14650	4880	10.8	4.2	12.6	57	10.3	1362
1979	383	574	111	10540	15790	4779	10.9	3.6	12.0	53	10.2	1445
1980	443	608	116	12350	16950	5040	11.1	3.6	12.1	55	10.5	1528
1981	532	666	116	14110	17680	5615	11.3	3.8	11.9	59	10.3	1567
1982	526	618	116	12410	14600	4935	11.5	4.2	12.5	54	10.1	1271
1983	541	613	126	12860	14570	4842	11.7	4.2	12.7	52	10.8	1247
1984	584	638	123	13880	15160	5380	11.9	4.2	11.9	54	10.4	1276
1985	611	648	124	14910	15810	5659	12.1	4.1	11.4	54	10.3	1310
1986	567	586	127	15720	16230	5364	12.3	3.6	10.9	48	10.3	1324
1987	683 E	683 E	127	17110	17110	5400	12.4	4.0	12.7	55	10.2	1375
China												
Mainland	E	E		E	E	E						
1977	13120	22940	4300	109700	191800	52660	946.1	12.0	43.6	24	4.5	203
1978	14090	22960	4500	132500	215800	68460	958.8	10.6	33.5	24	4.7	225
1979	16540	24780	4600	154000	230600	75510	971.8	10.7	32.8	25	4.7	237
1980	16390	22500	4650	179000	245800	69420	983.4	9.2	32.4	23	4.7	250
1981	17590	22020	4750	205200	256900	62620	994.9	8.6	35.2	22	4.8	258
1982	18730	22030	4350	238900	281100	64250	1008.2	7.8	34.3	22	4.3	279
1983	19040	21570	4100	274200	310700	71050	1021.5	6.9	30.4	21	4.0	304
1984	19330	21110	4100	326100	356100	81010	1034.4	5.9	26.1	20	4.0	344
1985	19900	21110	4100	377000	399900	88650	1046.2	5.3	23.8	20	3.9	382
1986	20000	20660	4030	416600	430200	107000	1059.4	4.8	19.3	20	3.8	406
1987	20660	20660	3530	470700	470700	101300	1074.0	4.4	20.4	19	3.3	438
Taiwan												
1977	1900	3323	460	25520	44640	9935	16.8	7.4	33.4	198	27.4	2660
1978	2342	3816	471	31210	50850	11820	17.1	7.5	32.3	223	27.5	2972
1979	2476	3708	468	36830	55150	12410	17.5	6.7	29.9	212	26.8	3161
1980	2829	3884	465	43040	59080	13870	17.8	6.6	28.0	218	26.1	3322
1981	3239	4056	461	49870	62450	NA	18.1	6.5	NA	224	25.5	3448
1982	4288	5046	457	54830	64510	10770	18.4	7.8	46.8	274	24.8	3500
1983	4919	5573	454	61430	69600	11520	18.7	8.0	48.4	298	24.2	3716
1984	4669	5099	470	70680	77200	10890	19.0	6.6	46.8	268	24.7	4060
1985	5780 E	6130 E	440	75850 E	80440 E	12260 E	19.3	7.6	50.0	318	22.8	4173
1986	6170 E	6372 E	390	88400 E	91300 E	12740 E	19.5	7.0	50.0	326	20.0	4676
1987	4701 E	4701 E	365	101300 E	101300 E	11320 E	19.8	4.6	41.5	238	18.5	5126

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP		
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		Constant 1987 dollars	Soldiers	Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%	%				
Colombia														
1977	99	173	60	13610	23800	2683	25.1	0.7	6.5	7	2.4	949		
1978	116	190	60	15870	25850	3015	25.5	0.7	6.3	7	2.4	1013		
1979	177	265	60	18260	27350	3442	26.0	1.0	7.7	10	2.3	1052		
1980	223	306	60	20810	28560	3955	26.5	1.1	7.7	12	2.3	1077		
1981	236	296	65	23200	29050	4296	27.1	1.0	6.9	11	2.4	1073		
1982	370	435	70	24700	29060	4768	27.6	1.5	9.1	16	2.5	1052		
1983	346	393	70	25960	29410	4694	28.2	1.3	8.4	14	2.5	1042		
1984	393	429	70	27560	30100	4802	28.8	1.4	8.9	15	2.4	1045		
1985	362 E	384 E	66	29190	30960	4845	29.4	1.2	7.9	13	2.2	1053		
1986	330 E	341 E	76	31130	32150	4699	30.0	1.1	7.3	11	2.5	1070		
1987	371 E	371 E	86	33870	33870	4995	30.7	1.1	7.4	12	2.8	1105		
Congo														
1977	34	60	7	676	1182	397	1.5	5.0	15.0	41	4.5	812		
1978	41	67	11	759	1237	501	1.5	5.4	13.3	44	7.3	820		
1979	NA	NA	16	893	1338	NA	1.6	NA	NA	NA	10.2	856		
1980	45	61	16	1158	1589	848	1.6	3.8	7.2	38	9.9	981		
1981	54	68	14	1567	1962	840	1.7	3.5	8.1	40	8.3	1168		
1982	78	91	11	1876	2208	1200	1.7	4.1	7.6	52	6.3	1268		
1983	74	84	11	2018	2286	965	1.8	3.7	8.7	47	6.1	1265		
1984	NA	NA	15	2261	2469	1128	1.9	NA	NA	NA	8.0	1317		
1985	86	91	15	2247	2384	993	1.9	3.8	9.2	47	7.7	1225		
1986	121	125	13	2160	2231	1111	2.0	5.6	11.2	62	6.5	1108		
1987	105	105	14	2298	2298	842	2.1	4.6	12.5	51	6.7	1104		
Costa Rica														
1977	17	29	5	2076	3631	736	2.1	0.8	3.9	14	2.4	1719		
1978	16	26	5	2349	3828	948	2.2	0.7	2.8	12	2.3	1742		
1979	19	28	6	2660	3984	1036	2.3	0.7	2.7	12	2.6	1758		
1980	19	27	6	2886	3962	1049	2.3	0.7	2.5	12	2.6	1718		
1981	19	24	6	3025	3788	885	2.4	0.6	2.7	10	2.5	1601		
1982	19	22	6	2863	3369	740	2.4	0.6	3.0	9	2.5	1384		
1983	25	28	7	3129	3545	941	2.5	0.8	3.0	11	2.8	1414		
1984	27	30	8	3548	3875	976	2.6	0.8	3.0	11	3.1	1501		
1985	24	26	8	3705	3930	930	2.7	0.7	2.8	10	3.0	1479		
1986	25	25	8	4031	4164	1173	2.7	0.6	2.2	9	2.9	1522		
1987	26 E	26 E	8	4288	4288	NA	2.8	0.6	NA	9	2.8	1525		
Cuba														
	e	e		E	E									
1977	NA	NA	200	12960	22670	NA	9.5	NA	NA	NA	21.0	2376		
1978	1040	1695	210	14830	24160	NA	9.6	7.0	NA	176	21.8	2508		
1979	1160	1737	210	16600	24860	NA	9.7	7.0	NA	179	21.6	2560		
1980	1140	1565	220	17630	24200	NA	9.7	6.5	NA	162	22.8	2507		
1981	1200	1503	225	20840	26100	NA	9.7	5.8	NA	155	23.2	2687		
1982	1330	1565	230	22770	26790	NA	9.8	5.8	NA	160	23.5	2737		
1983	1470	1665	250	25230	28580	NA	9.9	5.8	NA	168	25.3	2892		
1984	1586	1732	297	26990	29480	NA	10.0	5.9	NA	174	29.8	2953		
1985	1600	1697	297	29500	31290	NA	10.1	5.4	NA	168	29.5	3104		
1986	NA	NA	297	33140	34230	NA	10.2	NA	NA	NA	29.2	3366		
1987	NA	NA	297	26420	26420	NA	10.3	NA	NA	NA	28.9	2576		

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			GNP	CGE							
	Current	Constant 1987				Thousands	Current	Constant 1987	Constant 1987	Millions	%	%
Cyprus												
1977	28	50	NA	1182	2067	572	0.6	2.4	8.7	81	NA	3371
1978	24	38	10	1364	2222	613	0.6	1.7	6.3	62	16.2	3607
1979	32	48	15	1621	2428	679	0.6	2.0	7.0	77	24.2	3914
1980	27	36	16	1878	2578	814	0.6	1.4	4.5	58	25.5	4114
1981	42	52	16	2116	2649	747	0.6	2.0	7.0	82	25.2	4179
1982	41	49	17	2390	2812	816	0.6	1.7	5.9	76	26.5	4391
1983	43	49	10	2583	2926	955	0.6	1.7	5.1	76	15.4	4510
1984	43	47	10	2922	3192	995	0.7	1.5	4.8	72	15.2	4855
1985	39	42	13	3157	3348	1027	0.7	1.2	4.1	63	19.5	5025
1986	29	29	13	3372	3482	1048	0.7	0.8	2.8	44	19.3	5159
1987	35	35	13	3733	3733	1183	0.7	0.9	2.9	51	19.0	5460
Czechoslovakia												
	E	E						d	d			
1977	4567	7988	180	74880	131000	43350	15.0	6.1	18.4	533	12.0	8737
1978	4948	8062	183	81630	133000	41850	15.1	6.1	19.3	534	12.1	8814
1979	5282	7911	187	89610	134200	41170	15.2	5.9	19.2	521	12.3	8840
1980	6019	8262	190	100200	137500	41920	15.3	6.0	19.7	542	12.5	9014
1981	6707	8399	194	109400	137000	44290	15.3	6.1	19.0	548	12.7	8941
1982	7728	9093	198	118600	139500	42450	15.4	6.5	21.4	592	12.9	9077
1983	8213	9305	202	125000	141700	43870	15.4	6.6	21.2	604	13.1	9190
1984	8590	9382	206	132800	145000	43890	15.5	6.5	21.4	607	13.3	9382
1985	9104	9655	210	137800	146100	45140	15.5	6.6	21.4	623	13.5	9427
1986	9664	9981	214	144500	149200	45340	15.5	6.7	22.0	642	13.8	9601
1987	10320	10320	215	151300	151300	47230	15.6	6.8	21.8	662	13.8	9709
Denmark												
1977	1102	1927	32	47700	83430	28580	5.1	2.3	6.7	379	6.2	16400
1978	1230	2005	33	51750	84310	29820	5.1	2.4	6.7	393	6.4	16520
1979	1372	2055	33	58050	86940	32010	5.1	2.4	6.4	402	6.4	16990
1980	1568	2153	33	62710	86080	35160	5.1	2.5	6.1	420	6.4	16800
1981	1765	2211	33	67720	84800	37140	5.1	2.6	6.0	432	6.4	16560
1982	1925	2265	32	73690	86710	39600	5.1	2.6	5.7	443	6.2	16940
1983	2001	2267	30	78640	89100	41070	5.1	2.5	5.5	443	5.9	17420
1984	2037	2225	31	83830	91560	41940	5.1	2.4	5.3	435	6.1	17910
1985	2032	2155	29	89710	95140	41220	5.1	2.3	5.2	421	5.7	18610
1986	1986	2052	28	95330	98450	38740 E	5.1	2.1	5.3	401	5.5	19240
1987	2141	2141	28	97810	97810	38980 E	5.1	2.2	5.5	418	5.5	19100
Dominican Republic												
	f	f		f	f	f				f		f
1977	37	65	19	2113	3695	606	5.4	1.7	10.7	12	3.5	688
1978	47	77	19	2321	3782	680	5.5	2.0	11.3	14	3.4	685
1979	54	81	19	2626	3933	846	5.7	2.1	9.5	14	3.3	693
1980	44	61	24	3009	4131	782	5.8	1.5	7.8	10	4.1	709
1981	54	68	24	3393	4249	770	6.0	1.6	8.9	11	4.0	710
1982	54	64	25	3704	4358	649	6.1	1.5	9.8	10	4.1	710
1983	55	62	23	4016	4550	715	6.3	1.4	8.7	10	3.7	722
1984	49	53	22	4106	4485	640	6.5	1.2	8.3	8	3.4	694
1985	50	53	22	4036	4280	661	6.6	1.2	8.0	8	3.3	646
1986	58	60	21	4168	4304	670 E	6.8	1.4	8.9	9	3.1	634
1987	64	64	21	4631	4631	585 E	7.0	1.4	10.9	9	3.0	665

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars				GNP	CGE			
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%			
Ecuador	e	e										
1977	107	186	30	4634	8104	1114	7.5	2.3	16.7	25	4.0	1087
1978	150	245	35	5291	8621	991	7.7	2.8	24.7	32	4.6	1124
1979	142	213	35	5976	8951	983	7.9	2.4	21.6	27	4.4	1134
1980	152	209	35	6790	9321	1393	8.1	2.2	15.0	26	4.3	1147
1981	173	216	34	7712	9658	1641	8.4	2.2	13.2	26	4.1	1155
1982	164	194	36	8114	9548	1600	8.6	2.0	12.1	22	4.2	1109
1983	139	158	39	8183	9271	1327	8.9	1.7	11.9	18	4.4	1045
1984	141	154	39	8662	9460	1363	9.1	1.6	11.3	17	4.3	1035
1985	180	191	43	9347	9913	1618	9.4	1.9	11.8	20	4.6	1054
1986	237	245	44	9942	10270	1798	9.7	2.4	13.6	25	4.5	1061
1987	250	250	44	9715	9715	1634	10.0	2.6	15.3	25	4.4	976
Egypt	E	E										
1977	5066	8860	350	22240	38900	21900	38.7	22.8	40.4	229	9.0	1006
1978	3989 b	6500 b	447	24890	40550	21950	39.8	16.0	29.6	163	11.2	1020
1979	3540 b	5302 b	447	28220	42270	23510	40.9	12.5	22.6	130	10.9	1033
1980	3174 b	4357 b	447	34620	47520	27670	42.2	9.2	15.7	103	10.6	1125
1981	3185 b	3989 b	447	41890	52460	24900	43.7	7.6	16.0	91	10.2	1200
1982	6271 b	7379 b	447	48020	56500	33240	45.1	13.1	22.2	164	9.9	1252
1983	5992 b	6789 b	447	52850	59880	30280	46.4	11.3	22.4	146	9.6	1290
1984	6882 b	7517 b	466	56680	61910	32200	47.8	12.1	23.3	157	9.8	1296
1985	6641 b	7043 b	466	60200	63840	31830	49.1	11.0	22.1	143	9.5	1299
1986	6459 b	6671 b	400	64020	66120	34180	50.5	10.1	19.5	132	7.9	1309
1987	6527 b	6527 b	450	71170	71170	29230	51.9	9.2	22.3	126	8.7	1370
El Salvador												
1977	35	61	8	2960	5177	790	4.4	1.2	7.7	14	1.8	1188
1978	55	89	11	3362	5477	809	4.5	1.6	11.0	20	2.3	1223
1979	79	118	14	3632	5439	811	4.6	2.2	14.5	26	3.0	1182
1980	97	133	16	3592	4931	858	4.7	2.7	15.5	28	3.4	1054
1981	127	159	23	3575	4477	921	4.7	3.6	17.3	34	4.9	961
1982	148	174	28	3561	4190	854	4.7	4.2	20.4	37	6.0	896
1983	152	172	32	3725	4220	757	4.8	4.1	22.8	36	6.7	881
1984	NA	NA	45	3953	4317	853	4.9	NA	NA	NA	9.2	880
1985	NA	NA	48	4152	4403	810	5.0	NA	NA	NA	9.6	877
1986	NA	NA	48	4287	4428	634	5.1	NA	NA	NA	9.3	862
1987	178	178	49	4546	4546	587	5.3	3.9	30.3	34	9.3	864
Equatorial Guinea												
1977	NA	NA	2	50	88	4	0.2	NA	NA	NA	11.7	447
1978	NA	NA	2	55	89	6	0.2	NA	NA	NA	10.1	451
1979	NA	NA	2	61	92	NA	0.2	NA	NA	NA	8.9	405
1980	3 E	4 E	2	NA	NA	NA	0.3	NA	NA	NA	7.6	NA
1981	NA	NA	2	NA	NA	NA	0.3	NA	NA	NA	7.2	NA
1982	NA	NA	2	NA	NA	NA	0.3	NA	NA	NA	6.8	NA
1983	NA	NA	2	NA	NA	NA	0.3	NA	NA	NA	6.5	NA
1984	NA	NA	3	NA	NA	NA	0.3	NA	NA	NA	9.4	NA
1985	NA	NA	3	NA	NA	NA	0.3	NA	NA	NA	9.1	NA
1986	NA	NA	2	NA	NA	NA	0.3	NA	NA	NA	6.0	NA
1987	NA	NA	2	109 E	109 E	NA	0.3	NA	NA	NA	5.9	319

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Thousands	Current	Constant 1987		Constant 1987	Millions	%		%
Ethiopia												
1977	138	241	225	2431	4251	825	37.0	5.7	29.2	7	6.1	115
1978	122	199	233	2581	4206	968	37.6	4.7	20.6	5	6.2	112
1979	258	387	250	2987	4473	1038	38.1	8.6	37.3	10	6.6	117
1980	326	448	250	3411	4682	1179	38.6	9.6	38.0	12	6.5	121
1981	338 E	424 E	240	3807	4767	1246 E	39.2	8.9	34.0	11	6.1	122
1982	364 E	428 E	240	4113	4840	1391 E	40.1	8.9	30.8	11	6.0	121
1983	371 E	420 E	240	4497	5095	1929 E	41.2	8.2	21.8	10	5.8	124
1984	397 E	434 E	190	4546	4965	1580 E	42.4	8.7	27.5	10	4.5	117
1985	387 E	411 E	240	4307	4568	1808 E	43.6	9.0	22.7	9	5.5	105
1986	395	408	300	4719	4873	1690 E	45.0	8.4	24.1	9	6.7	108
1987	442	442	300	5217	5217	1845 E	46.7	8.5	24.0	9	6.4	112
Fiji												
1977	3	5	1	592	1036	269	0.6	0.5	2.0	9	1.8	1739
1978	6	9	1	652	1063	286	0.6	0.9	3.3	15	2.3	1750
1979	8	11	1	790	1183	308	0.6	1.0	3.7	18	1.6	1913
1980	7	10	2	848	1164	305	0.6	0.9	3.3	16	3.2	1845
1981	9	12	2	995	1246	367	0.6	0.9	3.2	18	3.1	1938
1982	13	15	2	975	1147	343	0.7	1.3	4.3	23	3.1	1752
1983	13	15	NA	968	1097	321	0.7	1.4	4.7	23	NA	1642
1984	15	16	3	1089	1190	340	0.7	1.4	4.8	24	4.4	1746
1985	14	15	4	1074	1139	322	0.7	1.3	4.5	21	5.8	1639
1986	14	14	3	1192	1231	349	0.7	1.2	4.1	20	3.8	1736
1987	NA	NA	3	1069	1069	NA	0.7	NA	NA	NA	3.7	1475
Finland												
1977	473	828	40	34760	60790	19850	4.7	1.4	4.2	175	8.4	12830
1978	529	862	40	38250	62330	19360	4.8	1.4	4.5	181	8.4	13120
1979	636	952	36	44800	67090	20400	4.8	1.4	4.7	200	7.6	14080
1980	826	1134	36	51640	70890	21360	4.8	1.6	5.3	237	7.5	14830
1981	851	1066	36	57420	71910	21640	4.8	1.5	4.9	222	7.5	14980
1982	989	1164	36	62830	73930	23070	4.8	1.6	5.0	241	7.5	15320
1983	1172	1327	40	67190	76130	24440	4.9	1.7	5.4	273	8.2	15680
1984	1092	1193	40	71430	78020	23770	4.9	1.5	5.0	244	8.2	15980
1985	1211	1284	NA	75990	80590	25190	4.9	1.6	5.1	262	NA	16440
1986	1324	1367	37	79890	82500	26650	4.9	1.7	5.1	278	7.4	16770
1987	NA	NA	37	85130	85130	28160	4.9	NA	NA	NA	7.4	17250
France												
1977	16120	28190	584	419900	734300	275100	53.2	3.8	10.2	530	11.0	13810
1978	18220	29680	581	467800	762300	291100	53.4	3.9	10.2	556	10.9	14280
1979	20390	30540	578	526500	788500	307200	53.6	3.9	9.9	570	10.8	14710
1980	23000	31570	575	581000	797500	314600	53.9	4.0	10.0	586	10.7	14800
1981	26100	32690	575	639000	800200	338900	54.1	4.1	9.6	604	10.6	14780
1982	28170	33150	578	690500	812500	366500	54.4	4.1	9.0	609	10.6	14930
1983	29740	33690	578	719900	815600	366600	54.6	4.1	9.2	617	10.6	14920
1984	30770	33610	571	756200	826000	374500	54.9	4.1	9.0	612	10.4	15030
1985	31500	33410	563	787400	835100	380000	55.2	4.0	8.8	605	10.2	15140
1986	32610	33680	558	827400	854500	388300	55.4	3.9	8.7	608	10.1	15430
1987	34830	34830	559	868300	868300	387200	55.6	4.0	9.0	626	10.1	15620

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
Gabon												
1977	27	48	4	2452	4289	2563	0.7	1.1	1.9	68	5.6	6057
1978	60	98	4	1891	3082	1445	0.8	3.2	6.8	129	5.3	4061
1979	56	84	5	2081	3117	1528	0.8	2.7	5.5	107	6.4	3972
1980	74	101	5	2348	3223	1199	0.8	3.1	8.4	126	6.2	4000
1981	64	81	7	2476	3101	1340	0.9	2.6	6.0	95	8.2	3639
1982	71	83	7	2718	3198	1319	0.9	2.6	6.3	92	7.8	3549
1983	64	73	7	2864	3245	1380	0.9	2.3	5.3	77	7.4	3437
1984	65	72	7	2910	3179	1470	1.0	2.3	4.9	73	7.1	3241
1985	NA	NA	7	3195	3388	1580	1.0	NA	NA	NA	6.9	3351
1986	165 E	170 E	9	3406	3518	2223 E	1.0	4.8	7.6	165	8.7	3408
1987	NA	NA	9	3058	3058	NA	1.0	NA	NA	NA	8.6	2930
Gambia, The												
1977	0	0	0	78	136	36	0.6	0	0	0	0	227
1978	0	0	0	80	130	51	0.6	0	0	0	0	211
1979	NA	NA	0	95	142	44	0.6	NA	NA	NA	0	225
1980	NA	NA	0	105	144	44	0.6	NA	NA	NA	0	224
1981	1	2	1	105	132	48	0.7	1.3	3.6	3	1.5	200
1982	NA	NA	1	122	143	55	0.7	NA	NA	NA	1.5	212
1983	NA	NA	1	142	161	NA	0.7	NA	NA	NA	1.4	234
1984	NA	NA	1	137	149	NA	0.7	NA	NA	NA	1.4	211
1985	NA	NA	1	128	135	NA	0.7	NA	NA	NA	1.4	187
1986	NA	NA	1	137	141	55	0.7	NA	NA	NA	1.3	190
1987	NA	NA	1	136	136	54	0.8	NA	NA	NA	1.3	179
Germany, East												
	E	E						d	d			
1977	6259	10950	226	92610	162000	71680	16.8	6.8	15.3	653	13.5	9661
1978	6794	11070	226	101100	164700	75680	16.8	6.7	14.6	661	13.5	9828
1979	7464	11180	228	113100	169400	79210	16.7	6.6	14.1	668	13.6	10120
1980	8268	11350	228	126100	173100	83230	16.7	6.6	13.6	678	13.6	10340
1981	9353	11710	231	141100	176700	86270	16.7	6.6	13.6	700	13.8	10560
1982	10670	12560	234	149600	176000	92080	16.7	7.1	13.6	752	14.0	10540
1983	11330	12840	236	157500	178400	96040	16.7	7.2	13.4	769	14.1	10690
1984	12110	13230	240	168900	184500	100800	16.7	7.2	13.1	794	14.4	11070
1985	12710	13480	242	178900	189700	108900	16.6	7.1	12.4	810	14.5	11400
1986	13470	13910	242	186500	192700	109000	16.6	7.2	12.8	837	14.6	11590
1987	14440	14440	241	196900	196900	114100	16.6	7.3	12.7	870	14.5	11860
Germany, West												
1977	17860	31240	495	533000	932100	275900	61.4	3.4	11.3	509	8.1	15180
1978	19680	32060	491	590800	962600	282500	61.3	3.3	11.4	523	8.0	15700
1979	21730	32540	492	668200	1001000	290500	61.3	3.3	11.2	531	8.0	16310
1980	24170	33170	490	739700	1015000	309500	61.6	3.3	10.7	539	8.0	16490
1981	27390	34300	493	810900	1016000	320500	61.7	3.4	10.7	556	8.0	16470
1982	29030	34150	495	854800	1006000	322200	61.6	3.4	10.6	554	8.0	16320
1983	30410	34450	496	904500	1025000	321400	61.4	3.4	10.7	561	8.1	16680
1984	31340	34230	487	968400	1058000	332900	61.2	3.2	10.3	559	8.0	17290
1985	32500	34470	495	1022000	1084000	336200	61.0	3.2	10.3	565	8.1	17770
1986	33180	34260	495	1075000	1110000	335400	61.0	3.1	10.2	562	8.1	18200
1987	34130	34130	495	1126000	1126000	341200	61.0	3.0	10.0	560	8.1	18450

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE			Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Soldiers	dollars	
Ghana												
1977	25	44	18	2497	4367	875	10.4	1.0	5.0	4	1.7	420
1978	23	38	19	2906	4736	744	10.6	0.8	5.1	4	1.8	448
1979	21	31	15	3082	4615	722	10.7	0.7	4.3	3	1.4	431
1980	14	19	14	3359	4611	514	10.8	0.4	3.7	2	1.3	425
1981	24	30	9	3560	4458	492	11.0	0.7	6.1	3	0.8	406
1982	24	28	9	3526	4149	467	11.2	0.7	6.1	3	0.8	371
1983	12 E	14 E	8	3501	3966	330	11.9	0.4	4.3	1	0.7	332
1984	24	26	15	3929	4291	442	12.6	0.6	5.8	2	1.2	340
1985	43	46	15	4237	4493	638	13.0	1.0	7.2	4	1.2	346
1986	42	43	9	4560	4709	692	13.6	0.9	6.3	3	0.7	348
1987	45	45	11	4936	4936	728	13.9	0.9	6.2	3	0.8	354
Greece												
1977	1558	2725	187	22860	39980	13350	9.3	6.8	20.4	293	20.0	4295
1978	1703	2774	186	26100	42530	14240	9.4	6.5	19.5	294	19.8	4511
1979	1798	2692	187	29480	44150	14510	9.5	6.1	18.6	282	19.5	4623
1980	1798	2468	186	32770	44990	15570	9.6	5.5	15.9	256	19.3	4665
1981	2429	3042	188	35860	44910	17600	9.7	6.8	17.3	313	19.3	4616
1982	2553	3005	186	38130	44870	23060	9.8	6.7	13.0	307	19.0	4584
1983	2450	2776	177	39400	44630	19440	9.8	6.2	14.3	282	18.0	4533
1984	2977	3252	197	41680	45520	22800	9.9	7.1	14.3	329	19.9	4600
1985	3083	3270	201	43880	46530	23720	9.9	7.0	13.8	329	20.2	4684
1986	2801	2893	202	45310	46800	22800 E	10.0	6.2	12.7	290	20.3	4699
1987	2902	2902	203	46710	46710	24290 E	10.0	6.2	12.0	291	20.3	4677
Guatemala												
1977	45	78	14	3568	6240	734	6.5	1.2	10.6	12	2.2	965
1978	49	79	14	4020	6551	794	6.7	1.2	10.0	12	2.1	980
1979	55	82	21	4582	6862	314	6.9	1.2	26.0	12	3.0	994
1980	72	98	21	5153	7073	919	7.1	1.4	10.7	14	2.9	992
1981	76	95	27	5666	7096	1013	7.4	1.3	9.4	13	3.6	959
1982	111 E	130 E	30	5805	6831	879	7.6	1.9	14.8	17	3.9	896
1983	121 E	138 E	40	5879	6661	756	7.8	2.1	18.2	18	5.1	854
1984	118 E	129 E	40	6070	6630	734	8.0	1.9	17.5	16	5.0	829
1985	114 E	120 E	43	6208	6584	646	8.2	1.8	18.6	15	5.2	802
1986	NA	NA	43	6371	6579	667	8.4	NA	NA	NA	5.1	782
1987	104 E	104 E	43	6768	6768	794	8.6	1.5	13.1	12	5.0	785
Guinea												
1977	NA	NA	10	770	1347	317	5.2	NA	NA	NA	1.9	260
1978	NA	NA	18	851	1386	323	5.3	NA	NA	NA	3.4	263
1979	NA	NA	18	926	1386	682	5.4	NA	NA	NA	3.3	258
1980	NA	NA	28	1028	1411	633	5.5	NA	NA	NA	5.1	257
1981	55 E	69 E	28	1117	1399	672	5.6	4.9	10.2	12	5.0	250
1982	NA	NA	28	1191	1401	637	5.7	NA	NA	NA	4.9	245
1983	40 E	46 E	28	1241	1405	579	5.8	3.3	7.9	8	4.8	241
1984	41 E	44 E	28	1301	1421	NA	6.1	3.1	NA	7	4.6	234
1985	NA	NA	28	1407	1492	NA	6.4	NA	NA	NA	4.4	234
1986	NA	NA	24	1517	1567	NA	6.6	NA	NA	NA	3.7	238
1987	NA	NA	24	1662	1662	385	6.7	NA	NA	NA	3.6	247

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
Guinea-Bissau												
1977	2	4	6	55	96	43	0.7	4.5	10.1	6	8.1	129
1978	3	4	6	67	109	53	0.8	3.8	7.8	6	7.9	144
1979	3	5	5	78	116	62	0.8	4.0	7.4	6	6.5	150
1980	4	5	4	72	98	73	0.8	5.6	7.6	7	5.1	125
1981	4	5	12	92	116	63	0.8	4.1	7.6	6	14.9	143
1982	5	6	9	102	120	65	0.8	4.6	8.4	7	10.9	145
1983	8	9	9	102	115	58	0.8	8.1	16.1	11	10.6	136
1984	5	5	11	110	120	72	0.9	4.2	6.9	6	12.7	139
1985	4	4	11	118	125	80	0.9	3.0	4.7	4	12.4	141
1986	5	5	11	120	124	71	0.9	3.8	6.6	5	12.1	137
1987	4	4	11	122	122	94	0.9	3.2	4.1	4	11.8	131
Guyana												
1977	13	23	7	222	389	189	0.8	5.9	12.0	30	9.2	513
1978	9	14	7	237	386	171	0.8	3.7	8.3	19	9.3	510
1979	9	13	7	252	377	215	0.8	3.5	6.1	17	9.4	498
1980	11	15	7	276	379	265	0.8	4.0	5.7	20	9.4	499
1981	13	16	7	299	374	292	0.8	4.4	5.6	22	9.2	491
1982	16	19	7	274	322	284 E	0.8	5.8	6.5	24	9.2	422
1983	14	16	7	260	295	311 E	0.8	5.3	5.0	20	9.2	386
1984	15	16	7	258	281	341 E	0.8	5.8	4.8	21	9.2	368
1985	24	26	7	262	278	260 E	0.8	9.3	9.9	34	9.1	363
1986	NA	NA	6	263	272	NA	0.8	NA	NA	NA	7.3	355
1987	NA	NA	5	247	247	497 E	0.8	NA	NA	NA	6.5	323
Haiti												
1977	13	23	7	1090	1907	386	5.2	1.2	5.9	4	1.3	366
1978	16	25	7	1223	1993	373	5.3	1.3	6.8	5	1.3	376
1979	18	27	7	1433	2147	407	5.4	1.2	6.6	5	1.3	398
1980	27	38	7	1683	2310	405	5.5	1.6	9.3	7	1.3	422
1981	34	43	8	1796	2249	455	5.6	1.9	9.4	8	1.4	405
1982	33	39	8	1843	2169	541	5.7	1.8	7.3	7	1.4	384
1983	30	34	8	1922	2177	565	5.8	1.6	6.1	6	1.4	378
1984	32	35	6	2008	2193	436	5.9	1.6	8.1	6	1.0	374
1985	32	34	6	2079	2205	450	6.0	1.5	7.5	6	1.0	370
1986	NA	NA	8	2148	2219	392	6.1	NA	NA	NA	1.2	365
1987	40 E	40 E	8	2231	2231	415	6.2	1.8	9.6	6	1.2	361
Honduras												
1977	32	55	12	1584	2771	510	3.4	2.0	10.9	16	3.5	816
1978	43	70	14	1819	2965	627	3.5	2.4	11.2	20	3.8	842
1979	50	75	14	2105	3152	661	3.6	2.4	11.4	21	3.8	865
1980	52Eb	71 Eb	14	2339	3211	790 E	3.8	2.2	9.0	19	3.7	850
1981	47Eb	59 Eb	17	2606	3264	755 E	3.9	1.8	7.8	15	4.3	830
1982	57Eb	67 Eb	17	2680	3154	814 E	4.1	2.1	8.2	16	4.2	775
1983	76Eb	86 Eb	19	2826	3201	693 E	4.2	2.7	12.4	20	4.5	761
1984	121Eb	132 Eb	20	2999	3275	840 E	4.4	4.0	15.7	30	4.6	753
1985	121Eb	128 Eb	21	3181	3374	988 E	4.5	3.8	12.9	28	4.7	749
1986	128Eb	132 Eb	22	3361	3472	936 E	4.7	3.8	14.1	28	4.6	745
1987	133Eb	133 Eb	22	3624	3624	998 E	4.8	3.7	13.3	28	4.5	752

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME) Million dollars		ARMED FORCES Thousands	GROSS NATIONAL PRODUCT (GNP) Million dollars		CENTRAL GOVERNMENT EXPENDITURES (CGE) Million dollars	PEOPLE Millions	ME GNP	ME CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE Soldiers	GNP PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
Hungary	E	E						d	d			
1977	2390	4180	122	45240	79120	41570	10.6	5.3	10.1	393	11.5	7438
1978	2650	4318	122	49720	81020	41590	10.7	5.3	10.4	405	11.4	7591
1979	2816	4217	121	54240	81230	41150	10.7	5.2	10.2	394	11.3	7593
1980	3199	4391	120	59810	82100	39160	10.7	5.3	11.2	410	11.2	7665
1981	3476	4353	119	66070	82740	42530	10.7	5.3	10.2	406	11.2	7725
1982	3919	4611	119	72820	85680	41130	10.7	5.4	11.2	431	11.1	8003
1983	4082	4625	118	74870	84820	42940	10.7	5.5	10.8	433	11.0	7935
1984	4143	4525	118	79650	86990	42060	10.7	5.2	10.8	424	11.0	8154
1985	4213	4468	117	79910	84750	39740	10.6	5.3	11.2	420	11.0	7959
1986	4380	4524	116	83800	86550	28560	10.6	5.2	15.8	426	10.9	8142
1987	4525	4525	116	87640	87640	37710	10.6	5.2	12.0	427	10.9	8260
Iceland												
1977	0	0	0	2129	3723	1142	0.2	0	0	0	0	16790
1978	0	0	0	2428	3956	1174	0.2	0	0	0	0	17690
1979	0	0	0	2788	4176	1256	0.2	0	0	0	0	18500
1980	0	0	0	3214	4411	1253	0.2	0	0	0	0	19330
1981	0	0	0	3587	4493	1294	0.2	0	0	0	0	19470
1982	0	0	0	3784	4452	1420	0.2	0	0	0	0	19030
1983	0	0	0	3703	4195	1299	0.2	0	0	0	0	17700
1984	0	0	0	3948	4312	1303	0.2	0	0	0	0	18010
1985	0	0	0	4215	4470	1407	0.2	0	0	0	0	18520
1986	0	0	0	4634	4785	1387 E	0.2	0	0	0	0	19690
1987	0	0	0	5165	5165	NA	0.2	0	NA	0	0	21110
India												
1977	3415	5973	1270	93950	164300	28310	647.5	3.6	21.1	9	2.0	254
1978	3877	6317	1300	107700	175400	32840	660.7	3.6	19.2	10	2.0	266
1979	3920	5871	1286	111800	167400	32730	674.5	3.5	17.9	9	1.9	248
1980	4170	5724	1104	130000	178400	33260	689.0	3.2	17.2	8	1.6	259
1981	4986	6244	1104	151700	189900	34120	704.2	3.3	18.3	9	1.6	270
1982	5907	6951	1120	167300	196800	37330	719.8	3.5	18.6	10	1.6	273
1983	6599	7476	1250	186900	211700	40120	735.6	3.5	18.6	10	1.7	288
1984	7303	7977	1380	199900	218300	45530	751.6	3.7	17.5	11	1.8	290
1985	7732	8200	1515	218500	231700	52300	767.7	3.5	15.7	11	2.0	302
1986	8441	8717	1492	233800	241500	58030	783.9	3.6	15.0	11	1.9	308
1987	9632	9632	1502	246000	246000	56840	800.3	3.9	16.9	12	1.9	307
Indonesia												
1977	746	1305	260	22730	39750	8105	144.3	3.3	16.1	9	1.8	275
1978	856	1395	250	26160	42620	9291	147.8	3.3	15.0	9	1.7	288
1979	971	1454	250	29850	44700	10630	151.4	3.3	13.7	10	1.7	295
1980	1109	1523	250	35630	48900	12000	154.9	3.1	12.7	10	1.6	316
1981	1369	1714	265	42690	53460	14130	158.5	3.2	12.1	11	1.7	337
1982	1470	1730	280	46600	54830	12880	162.1	3.2	13.4	11	1.7	338
1983	1362	1543	280	49780	56400	13930	165.8	2.7	11.1	9	1.7	340
1984	1433	1566	281	54650	59690	12610	169.4	2.6	12.4	9	1.7	352
1985	1406	1491	281	57790	61290	14410	173.1	2.4	10.3	9	1.6	354
1986	1547	1597	278	61750	63770	14970	176.7	2.5	10.7	9	1.6	361
1987	1367	1367	281	65780	65780	15680	180.4	2.1	8.7	8	1.6	365

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars								
	Current	Constant 1987		Thousands	Current	Constant 1987				Constant 1987		Millions
Iran												
					E							
1977	19320	33790	350	163000	285000	127600	35.4	11.9	26.5	954	9.9	8049
1978	23510	38300	350	141300	230300	102400	36.5	16.6	37.4	1050	9.6	6311
1979	14700Eb	22010 Eb	415	179400	268600	87710	37.7	8.2	25.1	583	11.0	7119
1980	12540Eb	17210 Eb	305	188600	258800	87550	39.2	6.6	19.7	439	7.8	6609
1981	13820Eb	17310 Eb	260	202000E	253000	83660	40.7	6.8	20.7	426	6.4	6220
1982	15570Eb	18320 Eb	240	233300E	274500	84250	42.2	6.7	21.7	434	5.7	6499
1983	13590Eb	15400 Eb	240	262300E	297200	82960	43.8	5.2	18.6	351	5.5	6783
1984	18960Eb	20710 Eb	335	265200E	289600	69160	45.4	7.2	29.9	456	7.4	6379
1985	21120Eb	22400 Eb	345	265900E	282000	65700	47.0	7.9	34.1	477	7.3	6000
1986	NA	NA	345	262500E	271100	55940	48.6	NA	NA	NA	7.1	5576
1987	NA	NA	350	257800E	257800	51360 E	50.3	NA	NA	NA	7.0	5129
Iraq												
	E b	E b			E					c		
1977	6800	11890	140	37610	65780	29280	11.9	18.1	40.6	1001	11.8	5536
1978	8823	14380	362	45910	74800	51400	12.3	19.2	28.0	1170	29.5	6089
1979	10000	14980	444	67340	100800	60240	12.7	14.9	24.9	1177	34.9	7920
1980	17460	23960	430	77620E	106500	88960	13.2	22.5	26.9	1815	32.6	8071
1981	21680	27160	392	48070E	60200	61850	13.7	45.1	43.9	1984	28.6	4398
1982	22090	25990	404	49320E	58030	51180	14.2	44.8	50.8	1832	28.5	4090
1983	22260	25220	434	49120E	55660	NA	14.7	45.3	NA	1715	29.5	3784
1984	22850	24960	788	53800E	58760	NA	15.2	42.5	NA	1637	51.7	3855
1985	16710	17720	788	54350E	57640	NA	15.8	30.7	NA	1122	49.9	3648
1986	NA	NA	800	47070E	48610	NA	16.4	NA	NA	NA	48.8	2968
1987	NA	NA	900	56520E	56520	NA	17.0	NA	NA	NA	53.0	3331
Ireland												
1977	198	347	13	12760	22310	9837	3.3	1.6	3.5	106	3.9	6802
1978	226	368	14	14440	23530	10900	3.3	1.6	3.4	111	4.2	7083
1979	246	368	14	16170	24220	11650	3.4	1.5	3.2	109	4.1	7168
1980	300	412	19	18160	24920	13220	3.4	1.7	3.1	121	5.6	7316
1981	324	406	19	20450	25610	14360	3.5	1.6	2.8	118	5.5	7419
1982	415	489	21	21470	25260	15250	3.5	1.9	3.2	140	6.0	7251
1983	399	452	18	21550	24420	14960	3.5	1.9	3.0	129	5.1	6958
1984	408	446	13	22770	24870	15000	3.5	1.8	3.0	126	3.7	7046
1985	435	461	14	23540	24970	15650	3.5	1.8	2.9	130	4.0	7059
1986	447	461	14	24130	24930	15560	3.5	1.9	3.0	130	3.9	7046
1987	NA	NA	14	25750	25750	17520	3.5	NA	NA	NA	4.0	7285
Israel												
1977	3830	6698	179	13780	24090	18490	3.5	27.8	36.2	1916	51.2	6892
1978	3556	5794	179	15460	25190	17420	3.6	23.0	33.3	1623	50.1	7057
1979	5179	7757	181	17770	26610	21230	3.7	29.2	36.5	2123	49.5	7283
1980	6008	8246	196	20600	28270	22400	3.7	29.2	36.8	2206	52.4	7565
1981	5567	6972	201	23660	29630	24390	3.8	23.5	28.6	1834	52.9	7795
1982	5418	6375	205	25220	29680	23910	3.9	21.5	26.7	1652	53.1	7693
1983	6222	7049	205	26900	30480	30230	3.9	23.1	23.3	1795	52.2	7759
1984	7145	7804	205	27670	30220	29850	4.0	25.8	26.1	1948	51.2	7545
1985	6366	6751	195	29370	31150	24830	4.1	21.7	27.2	1657	47.8	7643
1986	5947	6142	180	30950	31970	21960	4.1	19.2	28.0	1482	43.4	7711
1987	5536	5536	180	33440	33440	22400	4.2	16.6	24.7	1311	42.6	7921

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			GNP	CGE			Constant 1987 dollars	Soldiers			
	Current	Constant 1987		Current	Constant 1987	Constant 1987	%			%		
Italy												
1977	7175	12550	475	345900	604900	237400	56.1	2.1	5.3	224	8.5	10790
1978	7908	12890	489	381900	622200	237100	56.2	2.1	5.4	229	8.7	11060
1979	9056	13560	490	437200	654800	255900	56.4	2.1	5.3	241	8.7	11620
1980	10390	14260	500	495300	679800	287100	56.5	2.1	5.0	253	8.9	12040
1981	11450	14340	505	540400	676800	286700	56.5	2.1	5.0	254	8.9	11980
1982	12970	15260	517	571200	672200	298100	56.6	2.3	5.1	270	9.1	11880
1983	13600	15400	498	592300	671100	323300	56.8	2.3	4.8	271	8.8	11810
1984	14510	15840	508	632000	690200	335900	57.0	2.3	4.7	278	8.9	12110
1985	15460	16400	531	665900	706200	341200	57.1	2.3	4.8	287	9.3	12360
1986	15870	16390	529	703200	726200	377600	57.2	2.3	4.3	286	9.2	12690
1987	18350	18350	531	746400	746400	397900	57.4	2.5	4.6	320	9.3	13010
Ivory Coast												
1977	93 E	162 E	9	4327	7568	2264	7.3	2.1	7.2	22	1.2	1033
1978	112 E	183 E	8	5001	8148	2881	7.6	2.2	6.4	24	1.1	1070
1979	132 E	197 E	6	6602	9063	3236	8.2	1.7	4.7	18	0.7	1100
1981	122 E	153 E	7	7426	9299	3243 E	8.6	1.6	4.7	18	0.8	1087
1982	136 E	160 E	7	7870	9261	3202 E	8.9	1.7	5.0	18	0.8	1041
1983	96 E	109 E	8	7899	8950	2747 E	9.2	1.2	4.0	12	0.9	969
1984	107	117	8	8056	8799	2995 E	9.6	1.3	3.9	12	0.8	917
1985	106	112	8	8495	9009	NA	10.0	1.2	NA	11	0.8	903
1986	127 E	131 E	8	9280	9584	2643 E	10.4	1.4	4.9	13	0.8	925
1987	178	178	8	9440	9440	NA	10.8	1.9	NA	17	0.7	877
Jamaica												
1977	15	26	1	1501	2625	1131	2.2	1.0	2.3	12	0.5	1217
1978	13	21	2	1607	2618	1200	2.2	0.8	1.8	10	0.7	1201
1979	15	23	1	1686	2525	1064	2.2	0.9	2.1	10	0.5	1144
1980	16	22	2	1720	2360	1130	2.2	0.9	2.0	10	0.9	1059
1981	23	29	2	1967	2463	1185	2.3	1.2	2.5	13	0.9	1091
1982	33	38	2	2118	2492	1180	2.3	1.5	3.3	17	0.9	1084
1983	28	32	3	2278	2581	1089	2.3	1.2	3.0	14	1.3	1111
1984	18	20	2	2136	2333	1062	2.3	0.9	1.9	8	0.9	994
1985	18	19	2	2027	2150	1075	2.4	0.9	1.8	8	0.8	905
1986	NA	NA	3	2186	2257	968 E	2.4	NA	NA	NA	1.2	939
1987	26	26	3	2310	2310	NA	2.4	1.1	NA	10	1.2	950
Japan												
1977	8282	14480	236	908800	1590000	261400	113.9	0.9	5.5	127	2.1	13960
1978	9541	15550	239	1026000	1672000	294200	114.9	0.9	5.3	135	2.1	14550
1979	11100	16620	239	1175000	1761000	322100	115.9	0.9	5.2	143	2.1	15190
1980	12420	17050	242	1337000	1836000	343900	116.8	0.9	5.0	146	2.1	15720
1981	14200	17790	241	1520000	1903000	359200	117.6	0.9	5.0	151	2.0	16180
1982	15990	18810	243	1667000	1962000	368200	118.5	1.0	5.1	159	2.1	16560
1983	17550	19880	241	1788000	2025000	380900	119.3	1.0	5.2	167	2.0	16980
1984	19160	20930	241	1949000	2128000	386400	120.0	1.0	5.4	174	2.0	17730
1985	20770	22030	241	2101000	2228000	386300 E	120.8	1.0	5.7	182	2.0	18450
1986	22340	23080	245	2210000	2283000	379600 E	121.4	1.0	6.1	190	2.0	18800
1987	24320	24320	244	2369000	2369000	374300 E	122.0	1.0	6.5	199	2.0	19410

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars								
	Current	Constant 1987		Thousands	Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers
Jordan	E	E				E			C			
1977	505	883	70	1584	2770	2314	1.9	31.9	38.2	456	36.1	1430
1978	545	889	70	1954	3183	2397	2.0	27.9	37.1	443	34.9	1586
1979	634	950	67	2140	3205	2411	2.1	29.6	39.4	457	32.3	1543
1980	638	876	65	2735	3754	2448	2.2	23.3	35.8	407	30.2	1745
1981	673	843	66	3192	3998	2465	2.2	21.1	34.2	379	29.6	1795
1982	741	871	68	3688	4339	2552	2.3	20.1	34.1	378	29.5	1882
1983	758	859	72	3837	4347	2447	2.4	19.8	35.1	360	30.2	1821
1984	809	883	78	4148	4531	2376	2.5	19.5	37.2	357	31.6	1833
1985	866	918	81	4302	4563	2651	2.6	20.1	34.6	359	31.6	1782
1986	650	672	86	4512	4660	2620	2.7	14.4	25.6	253	32.4	1756
1987	646	646	100	4646	4646	2941	2.7	13.9	22.0	235	36.4	1690
Kenya												
1977	69	120	13	2858	4999	1082	14.8	2.4	11.1	8	0.9	339
1978	133	217	13	3278	5342	1499	15.4	4.1	14.4	14	0.8	347
1979	184	275	13	3801	5692	1706	16.0	4.8	16.1	17	0.8	355
1980	194	266	13	4409	6052	1736	16.7	4.4	15.3	16	0.8	362
1981	154	193	17	5024	6291	1932	17.4	3.1	10.0	11	1.0	361
1982	209	246	19	5333	6275	1990	18.1	3.9	12.4	14	1.0	346
1983	211	240	18	5668	6422	1779	18.9	3.7	13.5	13	1.0	340
1984	206	225	19	5996	6549	1792	19.7	3.4	12.6	11	1.0	332
1985	155	165	19	6397	6784	1931	20.6	2.4	8.5	8	0.9	330
1986	165	170	20	6996	7225	1920	21.5	2.4	8.9	8	0.9	337
1987	182 E	182 E	21	7618	7618	2270	22.4	2.4	8.0	8	0.9	340
Korea, North	E	E		E	E							
1977	2500	4372	520	11100	19410	NA	16.7	22.5	NA	262	31.2	1165
1978	2800	4562	632	12400	20200	NA	17.1	22.6	NA	267	37.0	1184
1979	3200	4793	692	14400	21570	NA	17.5	22.2	NA	274	39.6	1234
1980	3500	4804	700	15500	21280	NA	17.9	22.6	NA	269	39.1	1189
1981	4200	5260	768	18600	23290	NA	18.3	22.6	NA	287	41.9	1272
1982	4600	5413	782	20500	24120	NA	18.7	22.4	NA	289	41.7	1287
1983	4900	5551	784	21600	24470	NA	19.2	22.7	NA	289	40.9	1276
1984	5200	5679	784	23000	25120	NA	19.6	22.6	NA	289	39.9	1280
1985	5400	5727	784	24300	25770	NA	20.4	22.2	NA	281	38.5	1264
1986	5600	5784	838	25100	25920	NA	20.9	22.3	NA	277	40.1	1239
1987	5800	5800	838	25900	25900	NA	21.4	22.4	NA	270	39.1	1208
Korea, South												
1977	1873	3275	600	32930	57590	10640	36.4	5.7	30.8	90	16.5	1581
1978	2358	3841	600	39240	63940	11770	37.0	6.0	32.6	104	16.2	1727
1979	2374	3555	638	45680	68420	13330	37.5	5.2	26.7	95	17.0	1823
1980	2916	4002	600	47470	65170	13650	38.1	6.1	29.3	105	15.7	1709
1981	3480	4358	606	55470	69460	15680	38.7	6.3	27.8	113	15.6	1794
1982	3881	4567	601	62240	73230	16800	39.3	6.2	27.2	116	15.3	1862
1983	4176	4731	602	72320	81940	16950	39.9	5.8	27.9	118	15.1	2052
1984	4377	4781	602	81350	88850	17990	40.5	5.4	26.6	118	14.9	2193
1985	4797	5087	600	88310	93660	19110	41.1	5.4	26.6	124	14.6	2281
1986	5320	5495	604	102000	105400	20020	41.6	5.2	27.5	132	14.5	2531
1987	5626	5626	604	118000	118000	22100	42.2	4.8	25.5	133	14.3	2796

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars
Kuwait												
					E							
1977	889	1555	10	16340	28570	9290	1.1	5.4	16.7	1363	8.8	25050
1978	649	1057	10	17850	29090	11190	1.2	3.6	9.4	871	8.2	23970
1979	806	1208	11	27640	41400	10170	1.3	2.9	11.9	935	8.5	32060
1980	939	1289	12	32440	44530	11700	1.4	2.9	11.0	941	8.8	32510
1981	903	1131	12	32700	40950	14930	1.4	2.8	7.6	790	8.4	28590
1982	1179	1388	13	28390	33410	15660	1.5	4.2	8.9	927	8.7	22310
1983	1473	1669	13	27190	30800	14880	1.6	5.4	11.2	1066	8.3	19670
1984	1505	1644	15	28140	30730	14040	1.6	5.3	11.7	1004	9.2	18770
1985	1606	1703	16	26180	27770	12560	1.7	6.1	13.6	995	9.3	16220
1986	1369	1414	18	25730	26570	11330	1.8	5.3	12.5	791	10.1	14860
1987	1330	1330	20	25720	25720	9677 E	1.9	5.2	13.7	714	10.7	13800
Laos												
1977	NA	NA	45	290 E	507 E	NA	3.2	NA	NA	NA	14.0	158
1978	NA	NA	47	NA	NA	NA	3.2	NA	NA	NA	14.5	NA
1979	50 E	75 E	46	NA	NA	258 E	3.3	NA	29.1	23	14.1	NA
1980	NA	NA	55	NA	NA	NA	3.3	NA	NA	NA	16.7	NA
1981	NA	NA	46	NA	NA	NA	3.3	NA	NA	NA	13.8	NA
1982	NA	NA	46	460 E	541 E	NA	3.4	NA	NA	NA	13.5	159
1983	NA	NA	46	NA	NA	NA	3.5	NA	NA	NA	13.2	NA
1984	55 E	60 E	46	525 E	573 E	282 E	3.5	10.5	21.3	17	13.0	162
1985	55 E	58 E	46	NA	NA	NA	3.6	NA	NA	16	12.8	NA
1986	NA	NA	48	NA	NA	NA	3.7	NA	NA	NA	12.9	NA
1987	NA	NA	50	NA	NA	NA	3.8	NA	NA	NA	13.3	NA
Lebanon												
1977	156	273	9	4326	7566	1658	3.2	3.6	16.4	84	2.8	2343
1978	210	342	9	4412	7188	1692	3.2	4.8	20.2	105	2.8	2218
1979	292	437	18	4943	7404	1840	3.3	5.9	23.8	134	5.5	2276
1980	335	460	18	5771	7922	2063	3.3	5.8	22.3	141	5.5	2425
1981	305	382	20	6263	7843	1618	3.3	4.9	23.6	116	6.1	2392
1982	282	332	21	5665	6666	2012	3.3	5.0	16.5	101	6.4	2027
1983	468	530	20	5715	6475	2649	3.3	8.2	20.0	161	6.1	1964
1984	NA	NA	19	NA	NA	NA	3.3	NA	23.0	NA	5.8	NA
1985	NA	NA	21	NA	NA	NA	3.3	NA	NA	NA	6.4	NA
1986	NA	NA	36	NA	NA	NA	3.3	NA	NA	NA	10.9	NA
1987	NA	NA	37	NA	NA	NA	3.3	NA	NA	NA	11.1	NA
Lesotho												
1977	0	0	1	217	380	90	1.3	0	0	0	0.5	303
1978	1	2	1	253	412	92 E	1.3	0.4	1.9	1	0.8	322
1979	4	7	1	279	418	129 E	1.3	1.6	5.2	5	0.8	318
1980	NA	NA	1	304	418	126 E	1.3	NA	NA	NA	0.7	310
1981	8	9	2	348	436	144 E	1.4	2.2	6.6	7	1.4	316
1982	NA	NA	2	414	487	111	1.4	NA	NA	NA	1.4	343
1983	8	9	2	427	484	115	1.5	1.8	7.6	6	1.4	332
1984	10	10	2	473	517	136	1.5	2.0	7.6	7	1.0	345
1985	11	11	2	464	492	123	1.5	2.3	9.4	7	1.0	320
1986	NA	NA	2	489	505	NA	1.6	NA	NA	NA	1.3	320
1987	NA	NA	2	517	517	NA	1.6	NA	NA	NA	1.2	319

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars
Liberia												
1977	7	12	4	700	1224	291	1.7	1.0	4.0	7	2.3	708
1978	8	13	7	785	1279	348	1.8	1.0	3.7	7	3.9	717
1979	8	12	7	881	1319	458	1.8	0.9	2.5	6	3.8	717
1980	14	19	7	915	1256	360	1.9	1.5	5.2	10	3.7	661
1981	33	42	5	984	1232	405	2.0	3.4	10.3	21	2.6	628
1982	47	55	5	983	1156	435	2.0	4.8	12.7	27	2.5	571
1983	27	31	5	973	1102	416	2.1	2.8	7.5	15	2.4	527
1984	22	24	6	970	1059	347	2.2	2.3	7.0	11	2.8	490
1985	28	30	6	1039	1101	338	2.2	2.7	8.8	13	2.7	493
1986	36 E	37 E	6	1039	1073	315	2.3	3.5	11.8	16	2.6	465
1987	40 E	40 E	6	1063	1063	283	2.4	3.8	14.2	17	2.5	446
Libya												
	E b	E b			E							
1977	1845	3227	30	19940	34870	12590	2.6	9.3	25.6	1228	11.4	13270
1978	3321	5411	50	19840	32320	13030	2.7	16.7	41.5	2005	18.5	11970
1979	3690	5526	51	28020	41970	13190	2.9	13.2	41.9	1932	17.8	14680
1980	3413	4686	53	38760	53210	17610	3.0	8.8	26.6	1547	17.5	17570
1981	NA	NA	55	34610	43340	NA	3.2	NA	NA	NA	17.3	13630
1982	3948	4646	55	31450	37010	14110	3.3	12.6	32.9	1389	16.4	11070
1983	4698	5322	68	30660	34730	16640 E	3.5	15.3	32	1523	19.5	9941
1984	5572	6086	90	28640	31280	15210 E	3.6	19.5	40	1678	24.8	8626
1985	NA	NA	91	28240	29950	NA	3.7	NA	NA	NA	24.8	8149
1986	NA	NA	91	NA	NA	NA	3.7	NA	NA	NA	24.5	NA
1987	3063	3063	91	27560 E	27560	NA	3.8	11.1	NA	799	23.7	7188
Luxembourg												
1977	28	49	1	3313	5794	2359	0.4	0.8	2.1	135	3.3	16030
1978	32	52	1	3695	6021	2348	0.4	0.9	2.2	143	3.3	16630
1979	35	53	1	4158	6228	2486	0.4	0.8	2.1	145	3.3	17160
1980	44	61	1	4686	6432	2572	0.4	0.9	2.4	166	3.3	17650
1981	50	63	1	5308	6648	2668	0.4	0.9	2.4	172	3.0	18190
1982	53	63	1	6229	7330	2724	0.4	0.9	2.3	172	3.3	20050
1983	58	65	1	6793	7696	2895	0.4	0.8	2.3	179	2.7	21050
1984	59	65	1	7296	7969	2675	0.4	0.8	2.4	177	2.7	21780
1985	60	63	1	7767	8237	2689 E	0.4	0.8	2.4	173	2.7	22510
1986	63	65	1	8210	8479	NA	0.4	0.8	NA	177	2.7	23160
1987	73	73	1	8682	8682	NA	0.4	0.8	NA	200	2.7	23710
Madagascar												
1977	29	51	17	1108	1939	403	8.0	2.7	12.8	6	2.1	242
1978	33	54	20	1167	1901	501	8.2	2.8	10.8	7	2.4	231
1979	59	89	20	1394	2088	623	8.5	4.3	14.3	11	2.4	247
1980	63	86	20	1520	2087	635	8.7	4.1	13.5	10	2.3	240
1981	60 E	75 E	28	1480	1854	730 E	9.0	4.1	10.3	8	3.1	207
1982	NA	NA	28	1541	1813	519 E	9.2	NA	NA	NA	3.0	197
1983	36 E	41 E	29	1606	1820	398 E	9.5	2.2	10.2	4	3.1	192
1984	44 E	48 E	28	1672	1826	467 E	9.8	2.6	10.3	5	2.9	187
1985	42 E	45 E	27	1763	1870	559 E	10.1	2.4	8.0	4	2.7	185
1986	37 E	39 E	26	1798	1857	537 E	10.4	2.1	7.2	4	2.5	179
1987	44 E	44 E	26	1825	1825	NA	10.7	2.4	NA	4	2.4	170

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME GNP	ME CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Million dollars			Million dollars									Million dollars
	Current	Constant 1987		Current	Constant 1987								Constant 1987
			Thousands				Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars	
Malawi													
1977	10	17	4	497	869	210	5.5	1.9	8.0	3	0.6	158	
1978	18	30	3	602	980	300	5.7	3.0	9.9	5	0.5	173	
1979	32	49	3	666	998	359	5.8	4.9	13.5	8	0.5	171	
1980	34	46	4	702	963	409	6.0	4.8	11.3	8	0.7	160	
1981	23	29	6	728	912	350	6.2	3.2	8.4	5	1.0	147	
1982	19	22	6	801	942	296	6.4	2.4	7.5	3	0.9	148	
1983	16	19	6	870	986	299	6.6	1.9	6.2	3	0.9	150	
1984	16	17	6	957	1045	301	6.8	1.7	5.7	3	0.9	154	
1985	19	20	6	987	1046	338	7.0	1.9	5.8	3	0.9	150	
1986	23	24	7	1037	1070	366	7.2	2.2	6.6	3	1.0	149	
1987	18	18	7	1246	1246	354	7.4	1.4	5.1	2	0.9	168	
Malaysia													
1977	485	848	79	10050	17570	5511	12.8	4.8	15.4	66	6.2	1368	
1978	444	723	82	11430	18620	5743	13.1	3.9	12.6	55	6.2	1417	
1979	521	780	82	13560	20310	5435	13.4	3.8	14.4	58	6.1	1511	
1980	706	970	83	16100	22100	7412	13.8	4.4	13.1	70	6.0	1605	
1981	1137	1424	90	18970	23750	10430	14.1	6.0	13.7	101	6.4	1686	
1982	1258	1481	95	21110	24840	11130	14.4	6.0	13.3	103	6.6	1723	
1983	1171 E	1327 E	105	22780	25800	10050 E	14.7	5.1	13.2	90	7.1	1749	
1984	968 E	1058 E	105	25210	27530	9548 E	15.1	3.8	11.1	70	7.0	1826	
1985	969 E	1027 E	106	25580	27130	11030 E	15.4	3.8	9.3	67	6.9	1761	
1986	1145 E	1183 E	106	26820	27700	11390 E	15.7	4.3	10.4	75	6.7	1760	
1987	937	937	106	28970	28970	9664	16.1	3.2	9.7	58	6.6	1803	
Mali													
1977	22	39	7	850	1487	211	6.5	2.6	18.5	6	1.1	229	
1978	24	39	8	891	1452	217	6.6	2.7	18.0	6	1.2	218	
1979	26	38	5	1077	1613	226	6.8	2.4	17.0	6	0.7	237	
1980	27	37	7	1157	1588	355	7.0	2.4	10.5	5	1.0	227	
1981	30	38	8	1310	1641	384	7.2	2.3	9.9	5	1.1	229	
1982	36	42	8	1491	1754	499	7.4	2.4	8.4	6	1.1	239	
1983	37	41	8	1462	1656	524	7.5	2.5	7.9	5	1.1	219	
1984	33 E	36 E	8	1521	1661	517	7.8	2.1	6.9	5	1.0	214	
1985	40 E	42 E	8	1556	1650	581	8.0	2.5	7.2	5	1.0	207	
1986	NA	NA	8	1780	1839	NA	8.2	NA	NA	NA	1.0	224	
1987	47	47	8	1925	1925	NA	8.4	2.5	NA	6	0.9	228	
Malta													
1977	7	13	7	630	1102	435	0.3	1.2	3.0	39	21.1	3319	
1978	7	12	7	743	1210	467	0.3	1.0	2.6	35	20.6	3562	
1979	NA	NA	6	882	1321	NA	0.3	NA	NA	NA	17.3	3809	
1980	6	8	1	1059	1453	478	0.4	0.5	1.6	21	2.7	3992	
1981	8	10	1	1209	1514	563	0.4	0.7	1.8	28	2.7	4164	
1982	13	15	1	1329	1563	612	0.4	1.0	2.5	42	2.8	4340	
1983	15	17	1	1346	1524	591	0.4	1.1	2.9	47	2.8	4232	
1984	14	15	1	1422	1553	588	0.4	1.0	2.6	42	2.8	4311	
1985	16	17	1	1485	1575	662	0.4	1.1	2.6	47	2.8	4345	
1986	17	18	1	1560	1611	590	0.4	1.1	3.0	49	2.2	4417	
1987	26	26	1	1679	1679	696 E	0.4	1.5	3.7	70	2.2	4575	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars		Million dollars		GNP	CGE	PER CAPITA		
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
Mauritania												
1977	77	134	17	403	704	341	1.4	19.0	39.2	94	11.9	495
1978	66	107	12	432	705	321	1.5	15.2	33.3	73	8.2	483
1979	58	87	8	493	739	299	1.5	11.8	29.1	58	5.3	494
1980	61	84	8	573	787	348	1.5	10.7	24.2	55	5.2	512
1981	52	65	12	663	830	342	1.6	7.8	19.0	41	7.6	527
1982	52	61	16	668	786	327	1.6	7.7	18.6	38	9.9	486
1983	48	54	16	737	835	258	1.7	6.5	20.9	32	9.6	502
1984	NA	NA	16	722	789	NA	1.7	NA	NA	NA	9.4	462
1985	49 E	52 E	16	758	804	209 E	1.8	6.5	25.0	30	9.1	457
1986	45	47	16	815	842	NA	1.8	5.5	NA	26	8.8	465
1987	37	37	16	869	869	NA	1.9	4.2	NA	20	8.6	466
Mauritius												
1977	1	2	1	673	1178	353	0.9	0.2	0.6	2	0.7	1290
1978	1	2	0	765	1246	391	0.9	0.1	0.5	2	0	1341
1979	1	2	0	875	1310	397	0.9	0.2	0.5	2	0	1384
1980	2	3	0	855	1174	368	1.0	0.2	0.7	3	0	1218
1981	6	8	0	949	1189	402	1.0	0.7	2.0	8	0	1214
1982	3	3	0	1058	1245	408	1.0	0.3	0.8	3	0	1255
1983	3	3	1	1127	1277	412	1.0	0.3	0.8	3	1.0	1274
1984	3	4	1	1218	1331	382	1.0	0.3	0.9	3	1.0	1304
1985	3	3	1	1348	1430	390	1.0	0.2	0.8	3	1.0	1375
1986	3	3	1	1515	1565	390	1.1	0.2	0.8	3	0.9	1477
1987	3	3	1	1724	1724	415	1.1	0.2	0.8	3	0.9	1597
Mexico												
1977	358	625	100	58260	101900	16220	64.9	0.6	3.9	10	1.5	1570
1978	309	504	120	67680	110300	17720	66.6	0.5	2.8	8	1.8	1655
1979	368	552	120	80070	119900	20640	68.4	0.5	2.7	8	1.8	1754
1980	373	513	120	93510	128400	23920	70.1	0.4	2.1	7	1.7	1831
1981	550	688	125	110600	138500	30190	71.9	0.5	2.3	10	1.7	1928
1982	562	661	130	114500	134700	43340	73.6	0.5	1.5	9	1.8	1831
1983	585	663	130	112900	127900	34860	75.3	0.5	1.9	9	1.7	1700
1984	795	868	129	122100	133400	32880	76.9	0.7	2.6	11	1.7	1733
1985	860	912	140	131300	139200	36250	78.6	0.7	2.5	12	1.8	1772
1986	795	821	141	128200	132400	40690	80.2	0.6	2.0	10	1.8	1650
1987	726 E	726 E	141	139200	139200	31750	81.9	0.5	2.3	9	1.7	1701
Mongolia												
1977	135 E	236 E	36	NA	NA	1924 E	1.5	NA	12.3	155	23.6	NA
1978	NA	NA	36	NA	NA	NA	1.6	NA	NA	NA	22.9	NA
1979	NA	NA	36	NA	NA	NA	1.6	NA	NA	NA	22.3	NA
1980	NA	NA	36	NA	NA	NA	1.7	NA	NA	NA	21.7	NA
1981	NA	NA	35	NA	NA	NA	1.7	NA	NA	NA	20.5	NA
1982	NA	NA	36	NA	NA	NA	1.8	NA	NA	NA	20.5	NA
1983	NA	NA	38	NA	NA	NA	1.8	NA	NA	NA	21.1	NA
1984	NA	NA	38	NA	NA	NA	1.9	NA	NA	NA	20.5	NA
1985	NA	NA	38	NA	NA	NA	1.9	NA	NA	NA	20.0	NA
1986	NA	NA	40	NA	NA	NA	2.0	NA	NA	NA	20.5	NA
1987	NA	NA	32	NA	NA	NA	2.0	NA	NA	NA	15.9	NA

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE			Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Soldiers	Constant 1987 dollars	
Morocco												
1977	455	796	85	6756	11820	4829	19.1	6.7	16.5	42	4.5	620
1978	440	718	85	7368	12010	4262	19.5	6.0	16.8	37	4.3	614
1979	485	726	98	8366	12530	4536	20.0	5.8	16.0	36	4.9	625
1980	713 E	979 E	117	9407	12910	4701	20.5	7.6	20.8	48	5.7	629
1981	769 E	963 E	120	10040	12570	5335	21.0	7.7	18.0	46	5.7	597
1982	984 E	1158 E	125	11460	13490	5487	21.5	8.6	21.1	54	5.8	626
1983	1013 E	1148 E	135	12130	13750	4909	22.1	8.4	23.4	52	6.1	623
1984	NA	NA	149	12840	14020	4705	22.6	NA	NA	NA	6.6	620
1985	NA	NA	165	13590	14410	5121	23.2	NA	NA	NA	7.1	622
1986	1048 E	1083 E	185	15010	15500	5420	23.8	7.0	20.0	46	7.8	652
1987	1114 E	1114 E	200	15640	15640	NA	24.4	7.1	NA	46	8.2	642
Mozambique												
1977	31	54	26	831 E	1454 E	347	11.1	3.7	15.6	5	2.3	131
1978	57	93	25	899 E	1465 E	322	11.5	6.3	28.9	8	2.2	128
1979	56	83	30	992 E	1486 E	NA	11.8	5.6	NA	7	2.5	126
1980	80	110	30	1309	1797	396	12.1	6.1	27.8	9	2.5	148
1981	100	125	30	1416	1773	421	12.4	7.1	29.7	10	2.4	143
1982	101	118	30	1447	1703	408	12.8	7.0	29.1	9	2.4	133
1983	NA	NA	32	1294	1466	NA	13.1	NA	NA	NA	2.4	112
1984	NA	NA	34	1372	1499	NA	13.4	NA	NA	NA	2.5	112
1985	95	101	35	1283	1361	265 E	13.8	7.4	38.0	7	2.5	99
1986	NA	NA	65	1331	1374	NA	14.2	NA	NA	NA	4.6	97
1987	103	103	65	1237	1237	299	14.5	8.4	34.6	7	4.5	85
Nepal												
1977	10	18	37	1105	1932	248	13.9	0.9	7.2	1	2.7	139
1978	10	17	32	1234	2010	258	14.3	0.8	6.5	1	2.2	141
1979	12	18	25	1378	2063	266	14.6	0.8	6.6	1	1.7	141
1980	14	19	21	1473	2023	282	15.0	0.9	6.7	1	1.4	135
1981	16	20	24	1750	2192	311	15.4	0.9	6.5	1	1.6	143
1982	17	20	24	1919	2258	373	15.8	0.9	5.4	1	1.5	143
1983	22	25	25	1947	2205	437	16.2	1.1	5.8	2	1.5	137
1984	25	27	25	2204	2408	431	16.6	1.1	6.3	2	1.5	145
1985	28	29	25	2446	2594	471	17.0	1.1	6.2	2	1.5	153
1986	NA	NA	25	2608	2693	NA	17.4	NA	NA	NA	1.4	155
1987	33	33	30	2775	2775	649	17.8	1.2	5.0	2	1.7	156
Netherlands												
1977	3545	6200	103	107400	187800	94300	13.9	3.3	6.6	448	7.4	13560
1978	3630	5915	106	117600	191600	98520	13.9	3.1	6.0	424	7.6	13750
1979	4199	6289	107	131000	196200	104200	14.0	3.2	6.0	448	7.6	13980
1980	4495	6170	107	144200	198000	108700	14.1	3.1	5.7	436	7.6	14000
1981	5034	6305	108	156800	196400	112600	14.2	3.2	5.6	443	7.6	13790
1982	5333	6275	106	164800	194000	114900	14.3	3.2	5.5	438	7.4	13550
1983	5541	6278	104	174000	197200	117800	14.4	3.2	5.3	437	7.2	13730
1984	5884	6426	103	184300	201300	118600	14.4	3.2	5.4	446	7.1	13960
1985	5987	6350	103	194000	205700	116700	14.5	3.1	5.4	438	7.1	14200
1986	6201	6404	106	203000	209700	113000	14.6	3.1	5.7	440	7.3	14390
1987	6543	6543	106	213700	213700	118600	14.6	3.1	5.5	447	7.2	14590

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars								
	Current	Constant 1987		Thousands	Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers
New Zealand												
1977	305	534	13	17420	30470	12440	3.1	1.8	4.3	171	4.2	9765
1978	325	530	13	18360	29920	13010	3.1	1.8	4.1	170	4.0	9584
1979	352	527	13	20010	29970	12390	3.1	1.8	4.3	169	4.2	9639
1980	449	616	13	22320	30630	12830	3.1	2.0	4.8	198	4.2	9841
1981	553	693	12	25390	31800	13860	3.1	2.2	5.0	222	3.8	10170
1982	607	715	12	26860	31610	14180	3.2	2.3	5.0	226	3.8	10010
1983	611	692	13	28970	32820	14840	3.2	2.1	4.7	216	4.1	10250
1984	641	700	13	30990	33850	15600	3.2	2.1	4.5	216	4.0	10470
1985	645	684	13	32220	34170	15190	3.3	2.0	4.5	210	4.0	10500
1986	712	736	12	32760	33830	15580	3.3	2.2	4.7	224	3.8	10300
1987	755	755	13	33910	33910	15150	3.3	2.2	5.0	228	3.8	10230
Nicaragua												
	g	g		g	g	g				g		g
1977	647	1131	6	25380	44390	9539	2.6	2.5	11.9	444	2.4	17410
1978	857	1397	6	24970	40690	8312	2.6	3.4	16.8	537	2.3	15640
1979	668	1000	6	20480	30670	6852	2.7	3.3	14.6	373	2.2	11450
1980	1447 E	1986 E	24	24770	34000	10580	2.8	5.8	18.8	711	8.6	12170
1981	2018 E	2528 E	39	27380	34290	14340	2.9	7.4	17.6	876	13.5	11880
1982	3255 E	3830 E	41	28810	33900	17870	3.0	11.3	21.4	1293	13.8	11440
1983	3552 E	4024 E	46	31560	35750	25610	3.0	11.3	15.7	1328	15.2	11800
1984	4519 E	4935 E	67	30910	33760	23670	3.1	14.6	20.9	1593	21.6	10900
1985	5225 E	5541 E	74	30320	32160	21160	3.2	17.2	26.2	1751	23.4	10160
1986	NA	NA	75	31140	32160	16930	3.2	NA	NA	NA	23.1	9934
1987	NA	NA	80	33170	33170	NA	3.3	NA	NA	NA	24.1	9994
Niger												
1977	8	14	4	1231	2153	298	5.0	0.6	4.6	3	0.7	427
1978	10	17	4	1484	2419	391	5.2	0.7	4.3	3	0.8	465
1979	13	20	3	1700	2547	440	5.4	0.8	4.5	4	0.6	473
1980	14	19	3	1994	2737	532	5.6	0.7	3.6	3	0.5	492
1981	16 E	20 E	6	2213	2771	512 E	5.7	0.7	3.9	3	1.0	482
1982	15 E	17 E	5	2269	2670	594 E	5.9	0.6	2.9	3	0.8	450
1983	16 E	18 E	5	2298	2603	429 E	6.1	0.7	4.1	3	0.8	424
1984	16 E	17 E	5	2023	2210	408 E	6.3	0.8	4.2	3	0.8	348
1985	18 E	19 E	5	2198	2331	382 E	6.6	0.8	5.0	3	0.8	356
1986	17 E	18 E	4	2413	2492	316 E	6.8	0.7	5.7	3	0.6	368
1987	NA	NA	5	2370	2370	NA	7.0	NA	NA	NA	0.7	339
Nigeria												
	f	f		f	f	f				f		f
1977	518	906	300	14850	25980	6294	81.9	3.5	14.4	11	3.7	317
1978	462	753	204	15020	24470	4116	84.5	3.1	18.3	9	2.4	290
1979	415	621	164	17200	25760	4757	87.2	2.4	13.1	7	1.9	295
1980	455	625	150	18970	26040	4615	90.0	2.4	13.5	7	1.7	289
1981	457	572	144	19940	24970	4182	93.0	2.3	13.7	6	1.5	269
1982	394	464	144	21340	25120	3910	95.9	1.8	11.9	5	1.5	262
1983	358	405	144	20650	23400	3642	97.7	1.7	11.1	4	1.5	239
1984	335	365	144	19720	21530	3225	99.9	1.7	11.3	4	1.4	216
1985	298	316	134	22400	23760	3348	102.8	1.3	9.4	3	1.3	231
1986	238	246	138	23680	24460	4571	105.5	1.0	5.4	2	1.3	232
1987	180	180	138	23270	23270	6742	108.6	0.8	2.7	2	1.3	214

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987			Constant 1987	Millions	%		%
Norway												
1977	1033	1806	39	32510	56860	26480	4.0	3.2	6.8	447	9.6	14060
1978	1205	1963	40	36190	58960	27820	4.1	3.3	7.1	484	9.8	14530
1979	1319	1976	40	41100	61550	28950	4.1	3.2	6.8	485	9.8	15110
1980	1403	1926	40	46890	64370	28790	4.1	3.0	6.7	471	9.7	15760
1981	1549	1940	39	51880	64970	27550	4.1	3.0	7.0	473	9.4	15850
1982	1732	2038	40	55250	65010	28060	4.1	3.1	7.3	495	9.7	15800
1983	1916	2171	41	60170	68170	29440	4.1	3.2	7.4	526	9.9	16510
1984	1908	2084	39	66090	72180	30580	4.1	2.9	6.8	503	9.4	17430
1985	2251	2387	36	71730	76080	31750	4.2	3.1	7.5	575	8.7	18320
1986	2438	2518	38	77040	79570	35980	4.2	3.2	7	604	9.1	19100
1987	2775	2775	38	80790	80790	37540 E	4.2	3.4	7.4	664	9.1	19330
Oman												
					E							
1977	616	1077	12	2120	3708	2352	0.8	29.0	45.8	1279	14.3	4404
1978	687	1119	12	2171	3537	2213	0.9	31.6	50.6	1262	13.5	3987
1979	699	1046	13	2993	4482	2208	0.9	23.3	47.4	1120	13.9	4797
1980	1057	1451	15	4788	6573	2923	1.0	22.1	49.6	1475	15.2	6681
1981	1355	1697	15	5893	7380	3504	1.0	23.0	48.4	1671	14.8	7265
1982	1510	1776	15	6188	7282	3741	1.0	24.4	47.5	1694	14.3	6943
1983	1742	1973	20	6310	7149	4021	1.1	27.6	49.1	1823	18.5	6604
1984	1891	2065	25	7002	7648	4428	1.1	27.0	46.6	1848	22.4	6845
1985	1935	2052	25	7941	8422	4853	1.2	24.4	42.3	1780	21.7	7305
1986	1728	1785	26	6314	6521	4279	1.2	27.4	41.7	1500	21.9	5482
1987	1516	1516	27	6510	6510	3495	1.2	23.3	43.4	1235	22.0	5306
Pakistan												
1977	537	939	588	9788	17120	3943	78.2	5.5	23.8	12	7.5	219
1978	629	1025	518	11360	18510	4188	80.1	5.5	24.5	13	6.5	231
1979	693	1038	544	12810	19180	4809	82.4	5.4	21.6	13	6.6	233
1980	836	1148	467	15400	21140	4860	85.2	5.4	23.6	13	5.5	248
1981	1009	1264	549	18250	22860	5321	88.4	5.5	23.7	14	6.2	259
1982	1199	1411	584	20570	24210	5192	91.3	5.8	27.2	15	6.4	265
1983	1560	1767	584	22660	25670	6094	93.7	6.9	29.0	19	6.2	274
1984	1606	1755	646	24800	27090	6501	96.2	6.5	27.0	18	6.7	281
1985	1856	1968	644	27490	29150	6995	99.0	6.8	28.1	20	6.5	295
1986	2024	2091	573	30260	31250	8336	101.8	6.7	25.1	21	5.6	307
1987	2226	2226	573	34210	34210	8760	104.6	6.5	25.4	21	5.5	327
Panama												
1977	14	25	8	1915	3348	1109	1.8	0.7	2.3	14	4.3	1820
1978	26 E	43 E	8	2275	3706	1167	1.9	1.2	3.7	23	4.3	1979
1979	28 E	42 E	8	2574	3854	1513	1.9	1.1	2.8	22	4.2	2013
1980	NA	NA	8	3099	4254	1486	2.0	NA	NA	NA	4.1	2174
1981	42 E	52 E	9	3565	4464	1665	2.0	1.2	3.2	26	4.5	2234
1982	60 E	71 E	10	3963	4663	1984	2.0	1.5	3.6	35	4.9	2283
1983	88 E	99 E	10	4103	4648	1799	2.1	2.1	5.5	48	4.8	2227
1984	99 E	108 E	11	4284	4679	1870	2.1	2.3	5.8	51	5.2	2194
1985	101 E	107 E	12	4576	4853	1654	2.2	2.2	6.5	49	5.5	2227
1986	106 E	110 E	12	4862	5021	1723	2.2	2.2	6.4	49	5.4	2255
1987	105 E	105 E	12	5160	5160	NA	2.3	2.0	NA	46	5.4	2268

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987	Constant 1987		%	%	Constant 1987 dollars		Constant 1987 dollars
Papua New Guinea												
1977	18	32	3	1320	2309	742	2.8	1.4	4.3	12	1.1	839
1978	22	36	4	1551	2528	841	2.8	1.4	4.3	13	1.2	893
1979	23	34	4	1698	2543	832	2.9	1.3	4.1	12	1.4	874
1980	28	39	3	1790	2457	894	3.0	1.6	4.3	13	1.0	821
1981	31	39	3	1903	2383	1006	3.1	1.6	3.9	13	1.0	776
1982	32	38	3	2066	2431	957	3.1	1.6	4.0	12	1.0	772
1983	34	38	3	2215	2509	953	3.2	1.5	4.0	12	0.9	777
1984	39	43	3	2231	2437	914	3.3	1.8	4.7	13	0.9	736
1985	39	42	3	2458	2607	921	3.4	1.6	4.5	12	0.9	768
1986	39	40	3	2616	2701	961	3.5	1.5	4.1	11	0.9	777
1987	NA	NA	3	2759	2759	966 E	3.6	NA	NA	NA	0.9	774
Paraguay												
1977	28	50	15	1630	2851	324	3.1	1.7	15.3	16	4.9	934
1978	31	51	15	1917	3124	370	3.2	1.6	13.7	16	4.8	990
1979	34	52	15	2340	3504	384	3.3	1.5	13.4	16	4.6	1073
1980	41	56	15	2941	4037	419	3.4	1.4	13.3	17	4.4	1195
1981	53	66	15	3512	4398	498	3.5	1.5	13.2	19	4.3	1259
1982	64 E	75 E	16	3673	4322	470	3.6	1.7	16.0	21	4.4	1197
1983	90 E	102 E	16	3657	4143	455	3.7	2.5	22.4	27	4.3	1109
1984	63 E	68 E	17	3886	4244	472	3.9	1.6	14.5	18	4.4	1099
1985	47 E	49 E	14	4095	4343	NA	4.0	1.1	NA	12	3.5	1088
1986	NA	NA	16	4239	4378	359	4.1	NA	NA	NA	3.9	1063
1987	47 E	47 E	16	4566	4566	417 E	4.3	1.0	11.2	11	3.8	1074
Peru												
1977	1318	2306	125	19630	34330	5863	16.0	6.7	39.3	144	7.8	2147
1978	1059	1725	125	20750	33820	5386	16.4	5.1	32.0	105	7.6	2060
1979	868	1300	125	23530	35240	5236	16.8	3.7	24.8	77	7.4	2092
1980	1354	1858	151	27220	37370	6874	17.3	5.0	27.0	107	8.7	2161
1981	1331	1666	157	31410	39330	7029	17.8	4.2	23.7	94	8.8	2215
1982	1554	1828	164	33550	39480	6060	18.2	4.6	30.2	100	9.0	2166
1983	1462	1657	167	30020	34010	5521	18.7	4.9	30.0	89	8.9	1817
1984	1835 E	2004 E	135	32620	35620	5215	19.2	5.6	38.4	104	7.0	1855
1985	2166 E	2297 E	128	34510	36600	5393	19.7	6.3	42.6	117	6.5	1857
1986	2565 E	2649 E	127	39750	41050	6432	20.2	6.5	41.2	131	6.3	2031
1987	2198 E	2198 E	127	44580	44580	8875	20.7	4.9	24.8	106	6.1	2150
Philippines												
1977	460	805	155	16310	28520	4236	46.9	2.8	19.0	17	3.3	608
1978	372	605	156	18510	30170	4462	48.2	2.0	13.6	13	3.2	626
1979	493	739	156	21530	32250	4389	49.5	2.3	16.8	15	3.2	651
1980	477	655	155	24670	33860	4834	50.9	1.9	13.5	13	3.0	666
1981	509	637	156	27940	34990	5520	52.3	1.8	11.5	12	3.0	670
1982	502	590	157	30300	35650	5571	53.7	1.7	10.6	11	2.9	664
1983	513	582	157	31860	36090	5057	55.2	1.6	11.5	11	2.8	654
1984	369	403	157	30670	33490	4241	56.7	1.2	9.5	7	2.8	591
1985	386	409	157	30290	32130	4306	58.3	1.3	9.5	7	2.7	551
1986	390	402	161	31730	32770	5810	59.9	1.2	6.9	7	2.7	547
1987	458	458	161	34620	34620	5878	61.5	1.3	7.8	7	2.6	563

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME) Million dollars		ARMED FORCES Thousands	GROSS NATIONAL PRODUCT (GNP) Million dollars		CENTRAL GOVERNMENT EXPENDITURES (CGE) Million dollars	PEOPLE Millions	ME GNP	ME CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE Soldiers	GNP PER CAPITA
	Current	Constant 1987		Current	Constant 1987			%	%	Constant 1987 dollars		Constant 1987 dollars
Poland	E	E						d	d			
1977	8527	14910	370	144600	252900	78270	34.6	5.9	19.1	431	10.7	7303
1978	9136	14890	382	160800	261900	83560	34.9	5.7	17.8	426	10.9	7499
1979	10120	15160	399	171800	257300	90360	35.3	5.9	16.8	430	11.3	7298
1980	11320	15540	408	182800	250900	96370	35.6	6.2	16.1	437	11.5	7052
1981	12230	15310	414	189800	237700	97970	35.9	6.4	15.6	427	11.5	6622
1982	14500	17070	420	199900	235200	66180	36.2	7.3	25.8	471	11.6	6492
1983	14620	16560	426	218200	247200	57780	36.6	6.7	28.7	453	11.7	6759
1984	15910	17380	434	234400	256000	63910	36.9	6.8	27.2	471	11.7	6935
1985	17090	18130	439	243800	258600	63860	37.2	7.0	28.4	487	11.8	6951
1986	17760	18340	443	257500	265900	63090	37.5	6.9	29.1	489	11.8	7096
1987	17950	17950	441	259500	259500	56630	37.7	6.9	31.7	476	11.7	6879
Portugal												
1977	516	902	80	14430	25240	8949	9.7	3.6	10.1	93	8.2	2612
1978	564	918	82	15900	25910	10440	9.7	3.5	8.8	95	8.4	2671
1979	648	971	81	18320	27440	10560	9.7	3.5	9.2	100	8.3	2822
1980	749	1028	88	20730	28450	11870	9.8	3.6	8.7	105	9.0	2910
1981	829	1038	88	22550	28240	13240	9.9	3.7	7.8	105	9.0	2867
1982	888	1045	91	24390	28700	13090	9.9	3.6	8.0	105	9.1	2892
1983	899	1018	93	25410	28790	13680	10	3.5	7.4	102	9.3	2878
1984	885	967	100	25470	27820	12890	10.1	3.5	7.5	96	9.9	2759
1985	913	969	102	27310	28960	11490	10.2	3.3	8.4	95	10.0	2850
1986	1061	1096	101	31730	32770	15550 E	10.2	3.3	7.0	107	9.9	3201
1987	1131	1131	103	34870	34870	11680 E	10.3	3.2	9.7	110	10.0	3380
Qatar					E							
1977	211	369	5	3434	6005	3516	0.2	6.2	10.5	1955	26.5	31780
1978	260	424	5	3708	6042	2897	0.2	7.0	14.6	2101	24.8	29920
1979	475	711	5	5155	7721	3403	0.2	9.2	20.9	3294	23.2	35780
1980	604	830	6	6518	8948	4124	0.2	9.3	20.1	3597	26.0	38800
1981	NA	NA	6	7036	8811	5072	0.2	NA	NA	NA	24.7	36340
1982	NA	NA	6	6253	7358	4079	0.3	NA	NA	NA	23.5	28870
1983	NA	NA	6	5014	5681	4192 E	0.3	NA	NA	NA	22.5	21280
1984	NA	NA	6	5226	5708	4351 E	0.3	NA	NA	NA	21.5	20450
1985	NA	NA	7	4916	5214	4560 E	0.3	NA	NA	NA	24.0	17900
1986	NA	NA	9	3880	4007	NA	0.3	NA	NA	NA	29.7	13200
1987	NA	NA	11	4206	4206	3365 E	0.3	NA	NA	NA	34.8	13320
Romania	E	E						d	d			
1977	3924	6863	208	65170	114000	50410	21.7	6.0	13.6	317	9.6	5263
1978	4211	6861	209	73180	119200	52180	21.9	5.8	13.1	314	9.6	5456
1979	4448	6662	210	82560	123600	57600	22	5.4	11.6	302	9.5	5608
1980	4729	6491	211	88740	121800	47660	22.2	5.3	13.6	292	9.5	5487
1981	5114	6404	212	97580	122200	40900	22.4	5.2	15.7	287	9.5	5467
1982	5811	6838	213	105900	124600	31930	22.5	5.5	21.4	304	9.5	5541
1983	6414	7267	232	110100	124700	27960	22.6	5.8	26.0	322	10.3	5529
1984	6659	7273	236	120900	132000	30030	22.6	5.5	24.2	321	10.4	5836
1985	6948	7369	237	126100	133700	32070	22.7	5.5	23.0	324	10.4	5885
1986	7223	7460	238	137000	141500	48070	22.8	5.3	15.5	327	10.4	6196
1987	7609	7609	248	146000	146000	53960	22.9	5.2	14.1	332	10.8	6365

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME GNP	ME CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Million dollars			Million dollars									Million dollars
	Current	Constant 1987		Current	Constant 1987								Constant 1987
			Thousands				Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars	
Rwanda													
1977	17	29	4	774	1353	183	4.8	2.1	15.8	6	0.8	284	
1978	14	24	4	904	1473	191	4.9	1.6	12.3	5	0.8	299	
1979	19	29	4	1083	1621	238	5.1	1.8	12.1	6	0.8	318	
1980	25	34	5	1309	1796	261	5.3	1.9	12.9	6	0.9	340	
1981	26	33	5	1589	1990	285	5.5	1.7	11.6	6	0.9	364	
1982	NA	NA	5	1652	1944	298	5.7	NA	NA	NA	0.9	342	
1983	40	46	5	1813	2054	325	5.9	2.2	14.0	8	0.8	347	
1984	NA	NA	5	1801	1967	NA	6.1	NA	NA	NA	0.8	321	
1985	34 E	36 E	5	1946	2063	380 E	6.3	1.7	9.4	6	0.8	325	
1986	NA	NA	5	2081	2149	NA	6.6	NA	NA	NA	0.8	327	
1987	42	42	5	2087	2087	351	6.8	2.0	12.0	6	0.7	306	
Sao Tome and Principe													
1977	0	1	0	13	23	9	0.1	2.5	6.6	7	0	264	
1978	0	0	0	16	26	11	0.1	1.5	3.4	4	0	287	
1979	0	0	NA	19	28	15	0.1	1.3	2.5	4	NA	306	
1980	0	1	NA	23	32	21	0.1	1.6	2.5	6	NA	340	
1981	NA	NA	2	18	23	17 E	0.1	NA	NA	NA	20.7	240	
1982	NA	NA	2	23	27	NA	0.1	NA	NA	NA	20.2	276	
1983	NA	NA	2	23	26	NA	0.1	NA	NA	NA	19.6	250	
1984	NA	NA	2	23	25	NA	0.1	NA	NA	NA	19.1	238	
1985	NA	NA	2	23	24	NA	0.1	NA	NA	NA	18.6	222	
1986	NA	NA	1	23	24	NA	0.1	NA	NA	NA	9.0	218	
1987	NA	NA	1	NA	NA	NA	0.1	NA	NA	NA	8.8	NA	
Saudi Arabia													
					E								
1977	8513	14890	75	55470	97010	58920	8.2	15.3	25.3	1818	9.2	11850	
1978	9629	15690	75	60660	98840	54150	8.8	15.9	29.0	1783	8.5	11230	
1979	12390	18550	79	68410	102400	67910	9.5	18.1	27.3	1959	8.3	10820	
1980	14990	20580	79	104800	143800	76970	10.1	14.3	26.7	2028	7.8	14170	
1981	18410	23050	79	151700	190000	81930	10.8	12.1	28.1	2136	7.3	17600	
1982	22040	25930	80	143400	168700	93630	11.4	15.4	27.7	2269	7.0	14760	
1983	24800	28100	80	111400	126200	94810	12.1	22.3	29.6	2325	6.6	10440	
1984	20400	22280	80	93130	101700	76820	12.8	21.9	29.0	1745	6.3	7968	
1985	21340	22630	80	84180	89270	83810	13.4	25.3	27.0	1683	6.0	6640	
1986	17290	17860	80	73480	75890	55810	14.1	23.5	32.0	1265	5.7	5374	
1987	10490	10490	80	82270 E	82270	35010 E	14.8	12.8	30.0	710	5.4	5563	
Senegal													
1977	72	126	13	2040	3568	770	5.3	3.5	16.4	24	2.5	679	
1978	80	131	13	2038	3321	673	5.4	3.9	19.4	24	2.4	614	
1979	87	131	8	2447	3665	727	5.6	3.6	18.0	23	1.4	658	
1980	105	144	8	2569	3526	864	5.7	4.1	16.7	25	1.4	615	
1981	88	110	14	2766	3464	945	5.9	3.2	11.6	19	2.4	586	
1982	96	113	18	3386	3984	1150	6.1	2.8	9.8	19	3.0	655	
1983	98	111	18	3597	4075	1149	6.3	2.7	9.6	18	2.9	650	
1984	96 E	105 E	18	3523	3848	1208	6.5	2.7	8.7	16	2.8	596	
1985	104 E	111 E	18	3771	3999	1256 E	6.7	2.8	8.8	17	2.7	601	
1986	110 E	113 E	18	4082	4216	1516 E	6.9	2.7	7.5	17	2.6	615	
1987	97 E	97 E	18	4397	4397	1439 E	7.1	2.2	6.7	14	2.5	622	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars								
	Current	Constant 1987		Thousands	Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers
Sierra Leone												
1977	4	8	4	451	788	183	3.1	1.0	4.1	2	1.3	252
1978	6	10	1	482	785	235	3.2	1.3	4.4	3	0.3	246
1979	9	13	2	550	824	260	3.3	1.6	5.1	4	0.6	253
1980	7	9	2	620	851	264	3.3	1.1	3.5	3	0.6	257
1981	10	12	4	740	927	261	3.4	1.3	4.8	4	1.2	274
1982	9	11	4	788	927	213	3.5	1.2	5.0	3	1.2	268
1983	8	9	6	805	912	220	3.5	1.0	4.0	2	1.7	259
1984	6	7	4	849	927	163	3.6	0.7	4.2	2	1.1	257
1985	7 E	7 E	4	815	864	143	3.7	0.8	5.0	2	1.1	234
1986	5 E	5 E	4	924	954	NA	3.8	0.5	NA	1	1.1	253
1987	NA	NA	6	935	935	NA	3.9	NA	NA	NA	1.6	242
Singapore												
1977	355	622	36	5779	10110	2440	2.3	6.2	25.5	267	15.5	4347
1978	361	589	64	6800	11080	2555	2.4	5.3	23.0	250	27.2	4708
1979	393	589	57	8076	12090	2788	2.4	4.9	21.1	247	23.9	5074
1980	491	673	50	9364	12850	3232	2.4	5.2	20.8	279	20.7	5325
1981	595	745	59	11210	14040	4224	2.4	5.3	17.6	305	24.2	5746
1982	652	767	60	12890	15170	4290	2.5	5.1	17.9	310	24.3	6133
1983	620	702	60	14820	16800	5079	2.5	4.2	13.8	281	24.0	6715
1984	879	960	59	17060	18630	4589	2.5	5.2	20.9	380	23.3	7367
1985	1036	1098	59	17560	18630	6442	2.6	5.9	17.0	429	23.1	7283
1986	1008	1041	56	18360	18960	6908	2.6	5.5	15.1	402	21.5	7329
1987	NA	NA	55	20550	20550	6953	2.6	NA	NA	NA	21.0	7854
Somalia												
	f	f		f	f	f				f		f
1977	27	48	53	869	1520	295	4.3	3.1	16.2	11	12.2	349
1978	67	109	54	1001	1631	446	4.7	6.7	24.5	23	11.5	348
1979	62	94	54	951	1425	550	5.2	6.6	17.0	18	10.4	275
1980	34	47	54	1012	1389	256	6.1	3.4	18.4	8	8.8	227
1981	45	56	54	1173	1468	226	6.7	3.8	24.9	8	8.1	219
1982	46	55	54	1270	1494	273	7.0	3.7	20.0	8	7.7	214
1983	44	50	48	1175	1331	218	7.2	3.7	22.7	7	6.7	186
1984	36	40	43	1195	1305	144	7.3	3.0	27.5	5	5.9	179
1985	NA	NA	43	1346	1428	NA	7.4	NA	NA	NA	5.8	194
1986	43	45	50	1334	1378	149	7.5	3.2	30.0	6	6.7	183
1987	NA	NA	50	1540	1540	NA	7.7	NA	NA	NA	6.5	199
South Africa												
1977	1841	3220	67	35150	61480	18230	27.0	5.2	17.7	119	2.5	2273
1978	1867	3041	78	39260	63970	18960	27.7	4.8	16.0	110	2.8	2306
1979	1987	2976	70	45260	67780	19390	28.5	4.4	15.4	105	2.5	2382
1980	2792	3832	70	54020	74160	19870	29.1	5.2	19.3	132	2.4	2545
1981	2525 E	3162 E	78	59250	74200	20700	29.8	4.3	15.3	106	2.6	2488
1982	2252 E	2650 E	78	60540	71240	20930	30.5	3.7	12.7	87	2.6	2332
1983	3021 E	3423 E	77	62320	70610	21890	31.3	4.8	15.6	109	2.5	2257
1984	2892 E	3158 E	97	68160	74440	19530	32.0	4.2	16.2	99	3.0	2324
1985	2704	2867	95	69430	73640	20720	32.8	3.9	13.8	87	2.9	2246
1986	2878	2973	90	72100	74460	22270	33.5	4.0	13.3	89	2.7	2220
1987	3400 E	3400 E	102	77130	77130	23160	34.3	4.4	14.7	99	3.0	2248

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Thousands	Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers
Soviet Union												
	E	E						d	d c			
1977	146400	256000	3900	1143000	1999000	430200	259.6	12.8	59.5	986	15.0	7702
1978	159600	260000	4000	1273000	2074000	444800	261.9	12.5	58.5	993	15.3	7921
1979	176900	264900	4000	1390000	2082000	474800	264.1	12.7	55.8	1003	15.1	7882
1980	198200	272100	4100	1541000	2115000	509300	266.4	12.9	53.4	1021	15.4	7940
1981	219600	275000	4200	1715000	2148000	532200	268.7	12.8	51.7	1023	15.6	7993
1982	237900	279900	4200	1868000	2198000	574200	271.1	12.7	48.8	1033	15.5	8108
1983	250700	284000	4300	1991000	2256000	565300	273.6	12.6	50.2	1038	15.7	8244
1984	263700	288000	4300	2091000	2284000	573400	276.3	12.6	50.2	1043	15.6	8267
1985	277200	294000	4300	2197000	2330000	587600	278.9	12.6	50.0	1054	15.4	8356
1986	287600	297000	4400	2357000	2434000	633100	281.5	12.2	46.9	1055	15.6	8649
1987	303000	303000	4400	2460000	2460000	660000	284.0	12.3	45.9	1067	15.5	8662
Spain												
1977	2757	4822	373	135600	237200	59390	36.4	2.0	8.1	132	10.2	6509
1978	3039	4951	372	148000	241200	63290	36.9	2.1	7.8	134	10.1	6542
1979	3476	5206	374	161600	242100	67700	37.2	2.2	7.7	140	10.1	6507
1980	4151	5698	356	178600	245200	70100	37.5	2.3	8.1	152	9.5	6540
1981	4654	5828	366	194300	243300	72760	37.8	2.4	8.0	154	9.7	6445
1982	5045	5936	372	209200	246100	77860	38.0	2.4	7.6	156	9.8	6483
1983	5465	6191	355	220800	250200	83380	38.2	2.5	7.4	162	9.3	6554
1984	5616	6134	342	233400	254900	91170	38.4	2.4	6.7	160	8.9	6641
1985	6049	6416	314	246700	261700	95890	38.6	2.5	6.7	166	8.1	6778
1986	5923	6117	314	263200	271800	95040	38.8	2.3	6.4	158	8.1	7007
1987	6906	6906	314	284000	284000	102000 E	39.0	2.4	6.8	177	8.1	7282
Sri Lanka												
1977	27	48	18	2419	4231	989	14.1	1.1	4.8	3	1.3	300
1978	35	58	13	2749	4478	1815	14.4	1.3	3.2	4	0.9	312
1979	49	74	18	3186	4771	1816	14.6	1.5	4.1	5	1.2	326
1980	54	74	18	3673	5042	2153	14.9	1.5	3.4	5	1.2	338
1981	53	66	18	4189	5246	1768	15.2	1.3	3.8	4	1.2	346
1982	59	69	18	4654	5476	1886	15.4	1.3	3.7	4	1.2	356
1983	76	86	19	5069	5743	1923	15.6	1.5	4.5	6	1.2	368
1984	87	95	21	5581	6096	1953	15.8	1.6	4.9	6	1.3	386
1985	170	180	21	5852	6206	2156	16.0	2.9	8.4	11	1.3	388
1986	152	157	25	6154	6356	2142	16.2	2.5	7.4	10	1.5	393
1987	204	204	30	6534	6534	2170	16.4	3.1	9.4	12	1.8	398
Sudan												
1977	164	287	50	5779	10110	2260	17.0	2.8	12.7	17	2.9	594
1978	186	302	71	6112	9959	1930	17.6	3.0	15.7	17	4.0	566
1979	203 E	304 E	65	5950	8911	1885	18.2	3.4	16.1	17	3.6	489
1980	220 E	301 E	65	6539	8975	1817	18.9	3.4	16.6	16	3.4	475
1981	229 E	287 E	87	7158	8965	1943 E	19.5	3.2	14.8	15	4.5	460
1982	321 E	378 E	86	8130	9567	2014	20.1	3.9	18.8	19	4.3	476
1983	173 E	196 E	86	8719	9878	1747 E	20.7	2.0	11.2	9	4.1	476
1984	181 E	197 E	65	8408	9183	1768 E	21.5	2.1	11.2	9	3.0	427
1985	155 E	164 E	65	7567	8025	1272 E	22.4	2.0	12.9	7	2.9	358
1986	148 E	153 E	59	8180	8448	2191 E	23.1	1.8	7.0	7	2.6	366
1987	231 E	231 E	59	8691	8691	NA	23.5	2.7	NA	10	2.5	369

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		PER CAPITA
	Current	Constant 1987		Current	Constant 1987			Constant 1987	%	%		Constant 1987 dollars
Suriname												
1977	NA	NA	1	764	1336	592	0.4	NA	NA	NA	2.8	3703
1978	NA	NA	1	894	1456	553	0.4	NA	NA	NA	2.7	3978
1979	NA	NA	1	889	1332	489	0.4	NA	NA	NA	2.8	3662
1980	NA	NA	1	933	1281	477	0.4	NA	NA	NA	2.8	3611
1981	NA	NA	1	1128	1412	553	0.4	NA	NA	NA	2.8	4001
1982	NA	NA	2	1123	1321	559	0.4	NA	NA	NA	5.6	3674
1983	NA	NA	2	1098	1244	564	0.4	NA	NA	NA	5.5	3404
1984	27	29	2	1122	1225	551	0.4	2.4	5.4	79	5.4	3306
1985	30 E	31 E	2	1143	1212	588	0.4	2.6	5.4	84	5.3	3220
1986	30 E	31 E	3	1143	1181	637	0.4	2.6	4.9	81	7.8	3087
1987	NA	NA	3	1086	1086	549	0.4	NA	NA	NA	7.7	2794
Swaziland												
1977	4	7	2	226	395	136	0.5	1.9	5.4	14	3.8	742
1978	6	10	2	242	394	204	0.5	2.6	5.0	19	3.7	720
1979	7	10	2	286	428	157	0.6	2.3	6.3	18	3.5	759
1980	7	10	2	308	423	131	0.6	2.4	7.7	17	3.4	724
1981	7	9	2	370	463	169	0.6	2.0	5.5	15	3.3	770
1982	8	10	2	405	476	170	0.6	2.0	5.7	16	3.2	772
1983	9	10	3	426	483	162	0.6	2.0	6.0	15	4.7	760
1984	8	9	3	479	523	161	0.7	1.7	5.6	14	4.6	798
1985	9	9	3	508	539	176	0.7	1.7	5.2	14	4.4	797
1986	9	9	3	558	577	168	0.7	1.6	5.4	13	4.3	829
1987	8	8	3	591	591	154	0.7	1.3	5.1	11	4.2	827
Sweden												
1977	2265	3962	69	73910	129300	51390	8.3	3.1	7.7	480	8.3	15670
1978	2553	4160	69	80610	131300	55950	8.3	3.2	7.4	503	8.3	15870
1979	2870	4298	68	91120	136500	59140	8.3	3.1	7.3	518	8.2	16450
1980	3110	4269	70	100600	138100	60880	8.3	3.1	7.0	514	8.4	16610
1981	3462	4336	70	109000	136400	64220	8.3	3.2	6.8	521	8.4	16400
1982	3797	4468	70	116200	136800	65520	8.3	3.3	6.8	537	8.4	16430
1983	3970	4497	68	123400	139800	67550	8.3	3.2	6.7	540	8.2	16780
1984	4051	4424	69	132800	145100	67470	8.3	3.0	6.6	531	8.3	17400
1985	4187	4441	NA	139700	148200	70410	8.4	3.0	6.3	532	NA	17750
1986	4232	4371	66	146400	151200	66590	8.4	2.9	6.6	522	7.8	18070
1987	4434	4434	66	155000	155000	66540	8.4	2.9	6.7	529	7.8	18490
Switzerland												
1977	2111	3692	19	85120	148900	29820	6.3	2.5	12.4	584	2.9	23570
1978	2209	3599	19	91520	149100	29970	6.3	2.4	12.0	568	2.9	23550
1979	2522	3777	23	102400	153300	30820	6.4	2.5	12.3	595	3.6	24140
1980	2768	3800	23	116600	160100	31560	6.4	2.4	12.0	595	3.6	25080
1981	3035	3800	23	130800	163800	31080	6.4	2.3	12.2	591	3.6	25480
1982	3310	3895	23	137300	161600	31730	6.5	2.4	12.3	602	3.6	24990
1983	3491	3956	28	144000	163200	32690	6.5	2.4	12.1	610	4.3	25180
1984	3714	4057	25	153700	167800	34060	6.5	2.4	11.9	624	3.8	25800
1985	3914 E	4151 E	NA	164300	174300	33790 E	6.5	2.4	12.3	636	NA	26690
1986	3946 E	4075 E	21	171700	177300	34030 E	6.6	2.3	12.0	622	3.2	27060
1987	3726 E	3726 E	20	179400	179400	34430 E	6.6	2.1	10.8	567	3.0	27300

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			GNP	CGE							
	Current	Constant 1987				Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars
Syria	e	e										
1977	1440	2519	250	10050	17570	8583	7.9	14.3	29.4	320	31.7	2230
1978	1704	2776	220	11760	19150	7779	8.1	14.5	35.7	341	27.0	2352
1979	2117	3170	220	13460	20160	7804	8.4	15.7	40.6	377	26.2	2397
1980	2706	3714	250	15860	21770	10370	8.7	17.1	35.8	427	28.8	2505
1981	2739	3430	270	18800	23550	9090	9.0	14.6	37.7	382	30.1	2622
1982	3224	3794	300	20410	24020	11010	9.3	15.8	34.5	408	32.3	2583
1983	4723 E	5351 E	400	21630	24500	13050 E	9.6	21.8	41.0	555	41.5	2543
1984	4918 E	5372 E	402	21670	23660	12890 E	10.0	22.7	41.7	538	40.2	2369
1985	5001 E	5304 E	402	22990	24380	12630 E	10.4	21.8	42.0	512	38.8	2354
1986	4800 E	4958 E	400	26430	27300	10340	10.7	18.2	48.0	461	37.2	2541
1987	3364 E	3364 E	400	28230	28230	10510 E	11.1	11.9	32.0	302	35.9	2532
Tanzania	f	f		f	f	f				f		f
1977	44	77	31	1388	2427	628	17.2	3.2	12.2	4	1.8	141
1978	64	104	63	1515	2468	703	17.7	4.2	14.7	6	3.6	139
1979	155	232	53	1702	2550	898	18.2	9.1	25.9	13	2.9	140
1980	51	70	53	1936	2658	764	18.8	2.6	9.2	4	2.8	141
1981	69	86	43	2089	2616	726	19.4	3.3	11.9	4	2.2	135
1982	89	105	43	2243	2639	838 E	20.0	4.0	12.5	5	2.1	132
1983	86	98	43	2295	2601	736 E	20.7	3.8	13.3	5	2.1	126
1984	77	85	43	2399	2620	661 E	21.3	3.2	12.8	4	2.0	123
1985	85	90	43	2573	2729	629	22.0	3.3	14.3	4	2.0	124
1986	NA	NA	40	2718	2807	NA	22.7	NA	NA	NA	1.8	123
1987	NA	NA	40	2831	2831	NA	23.5	NA	NA	NA	1.7	120
Thailand												
1977	485	848	230	15090	26390	4404	44.1	3.2	19.3	19	5.2	598
1978	660	1076	250	17670	28790	5018	45.0	3.7	21.4	24	5.6	639
1979	849	1271	250	20190	30230	5377	46.0	4.2	23.6	28	5.4	658
1980	933	1281	234	23230	31880	6115	46.9	4.0	20.9	27	5.0	679
1981	1017	1274	250	26680	33420	6250	47.9	3.8	20.4	27	5.2	698
1982	1208	1421	250	29430	34630	7365	48.9	4.1	19.3	29	5.1	708
1983	1263	1431	250	32510	36830	7471	49.8	3.9	19.2	29	5.0	739
1984	1399	1528	250	35360	38630	7711	50.8	4.0	19.8	30	4.9	760
1985	1647	1747	270	37620	39900	8862	51.8	4.4	19.7	34	5.2	771
1986	1646	1700	275	41330	42680	9123	52.7	4.0	18.6	32	5.2	810
1987	1657	1657	275	45070	45070	9050	53.6	3.7	18.3	31	5.1	840
Togo												
1977	37	64	4	588	1028	467	2.4	6.2	13.7	27	1.7	432
1978	35	58	5	698	1138	660	2.4	5.1	8.7	24	2.0	464
1979	18	28	4	724	1084	506	2.5	2.5	5.4	11	1.6	430
1980	20	27	4	891	1223	405	2.6	2.2	6.6	10	1.5	471
1981	23	29	6	923	1156	399	2.7	2.5	7.1	11	2.2	432
1982	23	27	6	939	1105	376	2.8	2.4	7.0	10	2.2	401
1983	21	24	6	908	1029	356	2.8	2.4	6.8	9	2.1	362
1984	24	26	7	969	1059	424	2.9	2.5	6.2	9	2.4	361
1985	29	31	7	1036	1099	452	3.0	2.8	6.9	10	2.3	363
1986	36	37	7	1114	1151	484	3.1	3.2	7.6	12	2.2	368
1987	40	40	8	1204	1204	299	3.2	3.3	13.3	12	2.5	373

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA		
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		Constant 1987 dollars	Soldiers	Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987			Constant 1987	Millions	%				
Trinidad and Tobago														
	f	f		f	f	f				f		f		
1977	13	22	1	2251	3937	1250	1.0	0.6	1.8	22	1.0	3876		
1978	19	31	1	2844	4634	1582	1.0	0.7	2.0	30	1.0	4506		
1979	27	40	1	3004	4499	1802	1.0	0.9	2.2	38	1.0	4317		
1980	20	27	1	3633	4987	1889	1.1	0.6	1.5	26	0.9	4723		
1981	28	35	2	4354	5452	2285	1.1	0.6	1.5	33	1.9	5083		
1982	89 E	105 E	2	4957	5832	2849	1.1	1.8	3.7	96	1.8	5347		
1983	133 E	151 E	2	4590	5200	3315	1.1	2.9	4.5	136	1.8	4685		
1984	109 E	119 E	2	4092	4469	1987 E	1.1	2.7	6.0	106	1.8	3954		
1985	NA	NA	2	4078	4325	2296 E	1.2	NA	NA	NA	1.7	3757		
1986	NA	NA	2	4203	4341	NA	1.2	NA	NA	NA	1.7	3700		
1987	NA	NA	2	4160	4160	NA	1.2	NA	NA	NA	1.7	3478		
Tunisia														
1977	51	89	20	3413	5970	2179	6.0	1.5	4.1	15	3.3	993		
1978	60	98	22	3898	6351	2356	6.1	1.5	4.1	16	3.6	1033		
1979	237	354	24	4511	6755	2619	6.3	5.2	13.5	56	3.8	1073		
1980	211	290	29	5338	7327	2615	6.5	4.0	11.1	45	4.5	1134		
1981	172	216	29	6112	7654	2746	6.6	2.8	7.8	33	4.4	1155		
1982	271	319	32	6469	7612	3181	6.8	4.2	10.0	47	4.7	1126		
1983	346	391	28	7057	7995	3479	6.9	4.9	11.3	57	4.1	1160		
1984	249	272	38	7755	8470	3634	7.0	3.2	7.5	39	5.4	1202		
1985	299 E	317 E	38	8350	8855	4286 E	7.2	3.6	7.4	44	5.3	1227		
1986	303 E	313 E	38	8406	8681	3067 E	7.4	3.6	10.2	42	5.1	1175		
1987	289 E	289 E	38	9184	9184	3206 E	7.6	3.1	9.0	38	5.0	1215		
Turkey														
1977	1494	2612	771	25710	44960	12580	42.4	5.8	20.8	62	18.2	1060		
1978	1485	2419	721	28340	46170	12640	43.3	5.2	19.1	56	16.6	1066		
1979	1333	1996	698	30380	45500	13560	44.2	4.4	14.7	45	15.8	1029		
1980	1568	2153	717	32750	44960	11840	45.1	4.8	18.2	48	15.9	996		
1981	1866	2337	741	37280	46690	11670	46.2	5.0	20.0	51	16.0	1011		
1982	2221	2613	769	41550	48890	12110	47.3	5.3	21.6	55	16.3	1034		
1983	2223	2518	824	44720	50660	12630	48.4	5.0	19.9	52	17.0	1047		
1984	2227	2432	815	49040	53560	13820	49.5	4.5	17.6	49	16.5	1082		
1985	2448	2597	814	53250	56480	14480	50.7	4.6	17.9	51	16.1	1115		
1986	2891	2985	860	59060	60990	13280	51.8	4.9	22.5	58	16.6	1177		
1987	2890	2890	879	65460	65460	14920	53.0	4.4	19.4	55	16.6	1235		
Uganda														
1977	45	79	23	2463	4308	374	11.8	1.8	21.0	7	2.0	366		
1978	49	80	6	2434	3966	399	12.1	2.0	19.9	7	0.5	328		
1979	30	45	6	2264	3391	234	12.5	1.3	19.1	4	0.5	272		
1980	36	50	6	2371	3254	203	12.8	1.5	24.4	4	0.5	255		
1981	52	65	6	2815	3525	216	13.1	1.9	30.3	5	0.5	270		
1982	57	57	10	3346	3938	413	13.4	1.7	16.2	5	0.7	294		
1983	59	66	13	3703	4195	463	13.8	1.6	14.3	5	0.9	305		
1984	71	77	15 E	3628	3963	467	14.2	2.0	16.6	5	1.1	279		
1985	51	54	15 E	3581	3797	348	14.7	1.4	15.6	4	1.0	258		
1986	NA	NA	15	3522	3638	270	15.3	NA	NA	NA	1.0	237		
1987	NA	NA	15	3762	3762	805 E	15.9	NA	NA	NA	0.9	236		

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME	ARMED FORCES PER 1000 PEOPLE	GNP
	Million dollars			Million dollars				GNP	CGE	PER CAPITA		Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Soldiers	dollars	
United Arab Emirates												
	E											
1977	525	919	25	15390	26920	2957	0.7	3.4	31.1	1344	36.6	39380
1978	822	1340	25	14620	23830	3323	0.8	5.6	40.3	1720	32.1	30600
1979	1197	1793	25	19700	29510	3533	0.9	6.1	50.7	2028	28.3	33380
1980	1724	2367	44	30080	41290	5723	1.0	5.7	41.4	2366	44.0	41280
1981	2090	2617	44	33110	41460	6858	1.1	6.3	38.2	2379	40.0	37680
1982	1980	2330	44	30920	36380	7045 E	1.2	6.4	33.1	1935	36.6	30230
1983	1973	2235	44	27950	31670	5537 E	1.3	7.1	40.4	1698	33.4	24070
1984	1932	2110	44	27790	30350	5128 E	1.4	7.0	41.2	1468	30.6	21110
1985	1901 E	2017 E	44	27120	28760	5064 E	1.6	7.0	39.8	1284	28.0	18320
1986	1580 E	1632 E	44	21400	22100	4427 E	1.7	7.4	36.9	952	25.7	12900
1987	NA	NA	44	23290	23290	NA	1.8	NA	NA	NA	23.8	12610
United Kingdom												
1977	14600	25540	326	311900	545600	207700	56.2	4.7	12.3	455	5.8	9711
1978	15730	25640	320	347600	566300	216300	56.2	4.5	11.9	456	5.7	10080
1979	17740	26570	324	389100	582700	224200	56.2	4.6	11.9	472	5.8	10360
1980	20580	28240	330	411600	565000	229800	56.3	5.0	12.3	502	5.9	10030
1981	21350	26730	341	446100	558600	232700	56.4	4.8	11.5	474	6.0	9908
1982	24050	28300	335	479200	563900	241900	56.3	5.0	11.7	502	5.9	10010
1983	27430	31080	333	518000	586900	249900	56.4	5.3	12.4	551	5.9	10410
1984	28990	31660	336	549000	599700	249500	56.5	5.3	12.7	561	5.9	10620
1985	30560	32410	334	586500	622000	258000	56.6	5.2	12.6	573	5.9	10990
1986	30780	31790	331	620700	641000	257000	56.8	5.0	12.4	560	5.8	11290
1987	31580	31580	328	667000	667000	251700	56.8	4.7	12.5	556	5.8	11730
United States												
1977	100900	176500	2060	1991000	3481000	741100	220.2	5.1	23.8	801	9.4	15810
1978	109200	178000	2033	2250000	3666000	775000	222.6	4.9	23.0	800	9.1	16470
1979	122300	183100	2050	2508000	3756000	785800	225.1	4.9	23.3	814	9.1	16690
1980	144000	197600	2101	2732000	3750000	854200	227.8	5.3	23.1	868	9.2	16470
1981	169900	212800	2168	3053000	3823000	899900	230.1	5.6	23.6	924	9.4	16610
1982	196400	231100	2201	3166000	3725000	924400	232.5	6.2	25.0	994	9.5	16020
1983	217200	246000	2201	3406000	3858000	969800	234.8	6.4	25.4	1048	9.4	16430
1984	237100	258900	2222	3772000	4120000	979500	237.0	6.3	26.4	1092	9.4	17380
1985	265800	281900	2244	4015000	4258000	1065000	239.3	6.6	26.5	1178	9.4	17800
1986	280900	290100	2269	4240000	4379000	1070000	241.6	6.6	27.1	1201	9.4	18130
1987	296200	296200	2279	4527000	4527000	1057000	243.8	6.5	28.0	1215	9.3	18570
Upper Volta (see Burkina Faso)												
Uruguay												
1977	88	154	28	3714	6496	1592	2.9	2.4	9.7	54	9.8	2271
1978	96	156	28	4193	6832	1615	2.9	2.3	9.7	54	9.8	2380
1979	116	174	28	4874	7300	1556	2.9	2.4	11.2	60	9.7	2535
1980	166	228	28	5623	7719	1733	2.9	2.9	13.1	79	9.7	2671
1981	247	309	28	6300	7890	2005	2.9	3.9	15.4	107	9.7	2720
1982	245	288	29	5977	7033	2181	2.9	4.1	13.2	99	10.0	2417
1983	190	216	30	5669	6422	1739	2.9	3.4	12.4	74	10.3	2199
1984	160	175	30	5701	6227	1609	2.9	2.8	10.9	60	10.2	2124
1985	154	163	30	5897	6255	1536	2.9	2.6	10.6	55	10.2	2126
1986	163	168	30	6626	6843	1667	3.0	2.5	10.1	57	10.2	2318
1987	NA	NA	28	7222	7222	1299	3.0	NA	NA	NA	9.4	2437

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME	ME	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA
	Million dollars			Million dollars				GNP	CGE			
	Current	Constant 1987		Current	Constant 1987	Constant 1987	Millions	%	%	Constant 1987 dollars	Soldiers	Constant 1987 dollars
Venezuela												
1977	345	603	55	22100	38650	12380	13.6	1.6	4.9	44	4.0	2844
1978	384	626	55	24200	39440	11660	14.1	1.6	5.4	44	3.9	2803
1979	386	578	55	26680	39960	9102	14.6	1.4	6.3	40	3.8	2746
1980	365	501	55	28780	39510	10320	15.0	1.3	4.9	33	3.7	2630
1981	359	449	55	31590	39560	14000	15.5	1.1	3.2	29	3.6	2555
1982	563	663	56	32570	38330	13020	15.9	1.7	5.1	42	3.5	2405
1983	731	828	56	31460	35640	10460	16.4	2.3	7.9	51	3.4	2174
1984	677	740	64	32680	35690	9636	16.9	2.1	7.7	44	3.8	2117
1985	433	460	71	33160	35170	10240	17.3	1.3	4.5	27	4.1	2029
1986	580	599	66	37200	38420	11650	17.8	1.6	5.1	34	3.7	2157
1987	1379 E	1379 E	69	38370	38370	12900 E	18.3	3.6	10.7	75	3.8	2098
Vietnam												
1977	NA	NA	615	NA	NA	NA	50.4	NA	NA	NA	12.2	NA
1978	NA	NA	660	7600 E	12380 E	NA	51.5	NA	NA	NA	12.8	241
1979	NA	NA	650	NA	NA	NA	52.5	NA	NA	NA	12.4	NA
1980	NA	NA	900	8400 E	11530 E	NA	53.6	NA	NA	NA	16.8	215
1981	NA	NA	1000	NA	NA	NA	54.9	NA	NA	NA	18.2	NA
1982	NA	NA	1000	NA	NA	NA	56.2	NA	NA	NA	17.8	NA
1983	NA	NA	1000	NA	NA	NA	57.6	NA	NA	NA	17.4	NA
1984	NA	NA	1000	NA	NA	NA	59.0	NA	NA	NA	16.9	NA
1985	NA	NA	1000	NA	NA	NA	60.5	NA	NA	NA	16.5	NA
1986	2400 E	2479 E	1300	12400 E	12810 E	6093 E	62.0	19.4	40.7	40	21.0	206
1987	NA	NA	1300	12700 E	12700 E	7800 E	63.6	NA	NA	NA	20.4	200
Yemen (Aden)												
1977	59	104	20	553	968	549	1.8	10.7	18.9	58	11.3	545
1978	98	159	20	676	1101	608	1.8	14.4	26.2	87	11.0	605
1979	110	165	20	778	1165	668	1.9	14.1	24.6	88	10.7	623
1980	127	175	23	813	1115	NA	1.9	15.7	NA	91	12.0	581
1981	170	213	23	951	1191	NA	2.0	17.8	NA	108	11.7	604
1982	159	187	25	947	1114	NA	2.0	16.8	NA	92	12.3	549
1983	178 E	202 E	25	1023	1159	964 E	2.1	17.4	21.0	97	12.0	555
1984	188 E	206 E	27	1118	1221	NA	2.1	16.8	NA	96	12.6	569
1985	182 E	193 E	27	993	1053	NA	2.2	18.4	NA	87	12.2	476
1986	196 E	203 E	34	894	923	NA	2.3	22.0	NA	89	14.9	405
1987	NA	NA	40	941	941	NA	2.4	NA	NA	NA	17.0	400
Yemen (Sanaa)												
1977	80	140	40	1220	2133	424	5.0	6.6	33.1	28	8.0	425
1978	101	164	40	1470	2396	619	5.1	6.9	26.6	32	7.8	466
1979	246	368	36	1717	2572	943	5.3	14.3	39.0	70	6.8	488
1980	215	296	36	1992	2734	986	5.4	10.8	30.0	55	6.7	506
1981	304	381	30	2271	2844	1324	5.5	13.4	28.8	69	5.4	513
1982	414	487	22	2931	3448	1509	5.7	14.1	32.3	86	3.9	606
1983	425	481	22	3187	3611	1418	5.8	13.3	33.9	82	3.8	619
1984	335	366	28	3442	3760	1264	6.0	9.7	29.0	61	4.7	627
1985	292	310	28	3782	4011	1099	6.2	7.7	28.2	50	4.5	650
1986	284	293	28	4152	4288	1068	6.3	6.8	27.5	46	4.4	676
1987	324	324	28	4518	4518	1506	6.5	7.2	21.5	50	4.3	692

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME)		ARMED FORCES	GROSS NATIONAL PRODUCT (GNP)		CENTRAL GOVERNMENT EXPENDITURES (CGE)	PEOPLE	ME / GNP	ME / CGE	ME PER CAPITA	ARMED FORCES PER 1000 PEOPLE	GNP PER CAPITA	
	Million dollars			Million dollars									Million dollars
	Current	Constant 1987		Current	Constant 1987								Constant 1987
Yugoslavia													
1977	1307	2285	266	28630	50080	5334	21.8	4.6	42.8	105	12.2	2302	
1978	1391	2267	266	33320	54290	5084	21.9	4.2	44.6	103	12.1	2474	
1979	1620	2426	264	38080	57030	5356	22.1	4.3	45.3	110	11.9	2577	
1980	1810	2485	260	42270	58020	5118	22.3	4.3	48.5	111	11.6	2601	
1981	1914	2397	260	46700	58480	4753	22.5	4.1	50.4	107	11.5	2603	
1982	1848	2175	259	49590	58350	4335	22.6	3.7	50.2	96	11.4	2577	
1983	1811	2052	259	50870	57630	4413	22.8	3.6	46.5	90	11.4	2527	
1984	1955	2135	259	53630	58580	4289	23.0	3.6	49.8	93	11.3	2551	
1985	2043	2167	258	55490	58850	3952	23.1	3.7	54.8	94	11.2	2545	
1986	2347	2424	234	59450	61400	4043	23.3	3.9	60.0	104	10.0	2638	
1987	1317	1317	234	60450	60450	4852	23.4	2.2	27.1	56	10.0	2580	
Zaire													
1977	57	100	53	3051	5336	924	24.5	1.9	10.8	4	2.2	218	
1978	62	101	53	3109	5065	847	25.1	2.0	11.9	4	2.1	202	
1979	61	92	23	3390	5077	837	26.0	1.8	11.0	4	0.9	195	
1980	57	78	26	3761	5163	917	26.7	1.5	8.5	3	1.0	193	
1981	34	43	44	4256	5329	1105	27.3	0.8	3.9	2	1.6	195	
1982	73	86	40	4345	5113	1090	28.2	1.7	7.9	3	1.4	181	
1983	59	67	42	4519	5120	866	29.0	1.3	7.7	2	1.5	177	
1984	143	156	60	4496	4911	1146 E	29.7	3.2	13.6	5	2.0	166	
1985	90	96	62	4795	5086	975 E	30.5	1.9	9.8	3	2.0	167	
1986	155	160	53	5140	5308	882 E	31.4	3.0	18.2	5	1.7	169	
1987	NA	NA	53	5349	5349	NA	32.3	NA	NA	NA	1.6	165	
Zambia													
	E	E											
1977	147	257	20	1067	1866	780	5.2	13.8	33.0	50	3.9	361	
1978	143	232	14	1133	1847	788	5.3	12.6	29.5	44	2.6	347	
1979	152	228	14	1153	1726	611	5.5	13.2	37.3	42	2.6	316	
1980	194	266	15	1323	1815	870	5.6	14.7	30.6	47	2.7	323	
1981	NA	NA	17	1621	2030	767	5.8	NA	NA	NA	2.9	349	
1982	122	144	16	1632	1920	874	6.0	7.5	16.5	24	2.6	318	
1983	NA	NA	16	1659	1879	666	6.3	NA	NA	NA	2.5	299	
1984	110	121	16	1678	1833	614	6.5	6.6	19.6	18	2.5	281	
1985	NA	NA	16	1735	1840	749	6.8	NA	NA	NA	2.4	272	
1986	NA	NA	17	1588	1641	NA	7.0	NA	NA	NA	2.4	234	
1987	NA	NA	17	1660	1660	802	7.3	NA	NA	NA	2.3	228	
Zimbabwe													
1977	134	235	17	2140	3742	1168	6.7	6.3	20.1	35	2.5	556	
1978	162	265	24	2430	3959	1409	6.9	6.7	18.8	39	3.5	577	
1979	187	280	38	2791	4179	1364	7.0	6.7	20.5	40	5.4	597	
1980	287	394	94	3243	4452	1581	7.3	8.8	24.9	54	12.9	610	
1981	253	317	74	4083	5113	1649	7.6	6.2	19.2	42	9.8	675	
1982	275	324	50	4206	4949	2070	7.8	6.5	15.6	42	6.4	635	
1983	301	341	46	4646	5264	2043	8.1	6.5	16.7	42	5.7	650	
1984	298	325	46	4686	5119	2171	8.4	6.4	15.0	39	5.5	609	
1985	262	278	46	5330	5652	2022	8.7	4.9	13.8	32	5.3	648	
1986	275	284	45	5528	5709	2111	9.0	5.0	13.4	31	5.0	631	
1987	283	283	45	5714	5714	2429	9.4	5.0	11.6	30	4.8	610	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures and Population, 1977-1987, By Region, Organization, and Country — continued

YEAR	MILITARY EXPENDITURES (ME) Million dollars		ARMED FORCES Thousands	GROSS NATIONAL PRODUCT (GNP) Million dollars		CENTRAL GOVERNMENT EXPENDITURES (CGE) Million dollars	PEOPLE Millions	ME GNP %	ME CGE %	ME PER CAPITA Constant 1987 dollars	ARMED FORCES PER 1000 PEOPLE Soldiers	GNP PER CAPITA Constant 1987 dollars
	Current	Constant 1987		Current	Constant 1987	Constant 1987						

E Estimate based on partial or uncertain data.

NA Not Available.

0 Nil or negligible.

- a In order to reduce distortions in grouped data trends caused by data gaps for individual countries and years (shown as "NAs"), the totals for the world, regions, and organizations include rough approximations for the gaps.
- b Estimated by adding arms imports to data on military expenditures, which are believed to exclude arms purchases. However, it should be noted that the value of arms deliveries in a given year, as shown in Table II (converted at current exchange rates), may differ significantly from actual expenditures on arms imports in that year.
- c Some part of estimated total military expenditures may not be included in announced central budget expenditures. The ratio of ME to CGE therefore may be somewhat overstated.
- d This ratio is calculated from the two variables as expressed in dollar terms. Since in this case the two variables are converted to, or estimated in, dollars in differing ways, the ratio in dollars differs from what it would be in national currency terms. See also Statistical Notes, Military Expenditures-to-GNP ratio.
- e This series probably omits a major share of total military expenditures, probably including most arms acquisitions. Table II shows estimated annual arms imports; it should be kept in mind, however, that data in Table II represent the estimated value of arms delivered in a given year, not actual expenditures on those arms.
- f In a number of countries, particularly Nigeria, Bolivia, Somalia, Dominican Republic, Tanzania, and Trinidad & Tobago, devaluation (i.e., increase in the national-currency-units per dollar exchange rate) between edition base years 1984 and 1987 substantially exceeded the national currency inflation rate, causing their national expenditures in 1987 dollars to be more than 50% lower than in 1984 dollars.
- g As with most non-communist countries, Nicaraguan national currency amounts (in base-year prices) are converted to dollars at the IMF/World Bank-reported average exchange rate for the base year of this edition (1987). For Nicaragua, the resulting dollar values are inordinately higher than the dollar amounts obtaining in the previous edition (conversion base year = 1984) and substantially overstate the relative purchasing power of Nicaraguan expenditures (after allowing for the 9.2% US dollar inflation in 1984-87). This is due to the fact that the extremely high (58-fold) inflation rate experienced by Nicaragua in 1984-87 was not matched by the seven-fold change in the average exchange rate. A number of other countries, particularly developed ones, experienced substantial increases on the order of 50-80% in values in 1987 dollars over those in 1984 dollars, due to the general devaluation of the US dollar in this period. See Statistical Notes, Conversion of National Currencies to Dollars, for further discussion.

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Billion dollars		Billion dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
TOTALS ^d										
WORLD	e	e								
1977	22390	39170	22460	39290	1147	2006	1122	1963	2.0	2.0
1978	26850	43750	26850	43760	1333	2172	1296	2112	2.0	2.1
1979	31180	46700	31140	46640	1663	2491	1628	2439	1.9	1.9
1980	34810	47790	34780	47750	2033	2791	1983	2722	1.7	1.8
1981	42290	52960	42490	53220	2015	2523	1957	2451	2.1	2.2
1982	47150	55480	47260	55620	1906	2243	1849	2175	2.5	2.6
1983	49310	55870	49570	56170	1860	2107	1808	2048	2.7	2.7
1984	52250	57070	52170	56990	1966	2147	1905	2081	2.7	2.7
1985	45550	48310	45960	48740	2001	2122	1927	2044	2.3	2.4
1986	42960	44370	43150	44560	2201	2273	2139	2209	2.0	2.0
1987	47410	47410	47380	47380	2541	2541	2484	2484	1.9	1.9
DEVELOPED	e	e								
1977	4410	7713	21600	37780	861	1505	815	1426	0.5	2.6
1978	4635	7552	25430	41430	1001	1631	970	1581	0.5	2.6
1979	5030	7533	29640	44400	1265	1895	1189	1781	0.4	2.5
1980	7050	9678	33070	45400	1515	2079	1400	1922	0.5	2.4
1981	7875	9862	39040	48900	1451	1817	1377	1724	0.5	2.8
1982	8170	9614	40510	47670	1369	1611	1321	1555	0.6	3.1
1983	9810	11110	44950	50930	1353	1533	1316	1491	0.7	3.4
1984	10330	11280	44840	48970	1463	1598	1391	1519	0.7	3.2
1985	10560	11200	41900	44440	1511	1602	1430	1516	0.7	2.9
1986	10410	10750	39840	41150	1703	1759	1658	1712	0.6	2.4
1987	8430	8430	43830	43830	1964	1964	1916	1916	0.4	2.3
DEVELOPING										
1977	17980	31460	865	1513	286	501	307	537	6.3	0.3
1978	22210	36200	1325	2159	332	541	326	531	6.7	0.4
1979	26150	39160	1335	1999	398	597	439	658	6.6	0.3
1980	27760	38110	1550	2128	518	712	583	800	5.4	0.3
1981	34410	43100	3230	4045	564	706	580	727	6.1	0.6
1982	38980	45870	6350	7472	537	632	527	620	7.3	1.2
1983	39500	44760	4490	5087	507	575	491	557	7.8	0.9
1984	41920	45790	7295	7968	503	549	515	562	8.3	1.4
1985	34990	37110	4015	4258	490	520	497	527	7.1	0.8
1986	32550	33620	3270	3377	498	515	481	496	6.5	0.7
1987	38980	38980	3530	3530	577	577	568	568	6.8	0.6

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Billion dollars		Billion dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
BY REGION ^d										
AFRICA										
1977	4045	7075	140	245	50	88	58	101	8.0	0.2
1978	6825	11120	15	24	59	96	58	95	11.6	0
1979	6005	8993	150	225	62	93	85	128	9.7	0.2
1980	6455	8861	25	34	89	123	112	154	7.2	0
1981	7550	9455	85	106	99	123	89	112	7.7	0.1
1982	7255	8537	310	365	85	100	81	95	8.5	0.4
1983	6765	7664	85	96	77	87	76	86	8.8	0.1
1984	7675	8383	60	66	71	78	76	83	10.8	0.1
1985	5290	5610	140	148	64	68	74	78	8.3	0.2
1986	4550	4699	100	103	66	68	77	80	6.9	0.1
1987	4970	4970	110	110	68	68	74	74	7.3	0.1
EAST ASIA										
1977	1430	2501	295	516	131	229	142	249	1.1	0.2
1978	2010	3275	450	733	156	254	173	281	1.3	0.3
1979	5575	8349	490	734	211	316	196	293	2.6	0.3
1980	5325	7310	840	1153	270	370	256	351	2.0	0.3
1981	4350	5448	1525	1910	282	353	286	358	1.5	0.5
1982	4600	5413	3130	3683	271	319	277	326	1.7	1.1
1983	4765	5398	2665	3019	272	308	291	330	1.8	0.9
1984	5300	5789	3245	3544	292	319	335	366	1.8	1.0
1985	5740	6088	1290	1368	289	307	341	362	2.0	0.4
1986	5525	5706	1650	1704	293	303	384	397	1.9	0.4
1987	5925	5925	1535	1535	353	353	456	456	1.7	0.3
EUROPE, ALL										
1977	4790	8378	14930	26110	611	1068	570	997	0.8	2.6
1978	4710	7674	19290	31430	711	1159	681	1110	0.7	2.8
1979	5340	7998	23700	35490	907	1358	845	1266	0.6	2.8
1980	7140	9801	26870	36890	1085	1490	977	1341	0.7	2.8
1981	7570	9480	30820	38600	987	1237	922	1155	0.8	3.3
1982	8490	9990	32310	38020	950	1117	908	1068	0.9	3.6
1983	9645	10930	34070	38610	923	1046	901	1021	1.0	3.8
1984	9450	10320	36100	39430	934	1020	926	1011	1.0	3.9
1985	9560	10140	31940	33870	972	1031	964	1023	1.0	3.3
1986	10360	10700	31320	32350	1144	1181	1159	1197	0.9	2.7
1987	8875	8875	31710	31710	1351	1351	1362	1362	0.7	2.3
—NATO EUROPE										
1977	1730	3026	4095	7162	414	724	391	685	0.4	1.0
1978	1700	2770	5240	8538	483	787	472	770	0.4	1.1
1979	2050	3070	4895	7331	627	940	590	884	0.3	0.8
1980	2730	3747	7255	9959	754	1035	685	940	0.4	1.1
1981	3140	3932	10580	13250	673	843	635	795	0.5	1.7
1982	3565	4195	8455	9949	642	755	610	718	0.6	1.4
1983	3955	4481	9915	11230	613	695	595	674	0.6	1.7
1984	3750	4096	10620	11600	622	680	608	664	0.6	1.7
1985	3560	3776	8505	9020	648	688	644	683	0.5	1.3
1986	3070	3171	7040	7271	767	792	783	809	0.4	0.9
1987	3285	3285	7025	7025	930	930	941	941	0.4	0.7

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Billion dollars		Billion dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
—WARSAW PACT										
1977	2490	4355	9975	17450	104	181	104	182	2.4	9.6
1978	2550	4155	12790	20840	123	201	118	192	2.1	10.8
1979	2560	3834	17790	26650	141	210	142	212	1.8	12.6
1980	3430	4708	18450	25330	160	219	161	222	2.1	11.4
1981	3510	4396	18980	23770	160	200	163	204	2.2	11.7
1982	3925	4618	22180	26100	163	192	176	207	2.4	12.6
1983	4595	5206	22480	25470	171	193	186	211	2.7	12.1
1984	4760	5199	22860	24970	172	188	189	207	2.8	12.1
1985	5170	5483	21880	23210	177	188	185	196	2.9	11.8
1986	6380	6589	23050	23810	201	208	211	218	3.2	10.9
1987	3540	3540	24070	24070	200	200	221	221	1.8	10.9
—OTHER EUROPE										
1977	570	997	860	1504	93	164	74	130	0.6	1.2
1978	460	750	1260	2053	105	171	91	148	0.4	1.4
1979	730	1093	1010	1513	139	208	113	170	0.5	0.9
1980	980	1345	1170	1606	171	235	131	180	0.6	0.9
1981	920	1152	1265	1584	154	193	125	157	0.6	1.0
1982	1000	1177	1675	1971	145	170	121	142	0.7	1.4
1983	1095	1241	1680	1903	139	157	120	136	0.8	1.4
1984	940	1027	2620	2862	139	152	129	140	0.7	2.0
1985	830	880	1550	1644	147	156	135	143	0.6	1.1
1986	910	940	1230	1270	176	181	165	170	0.5	0.7
1987	2050	2050	610	610	221	221	200	200	0.9	0.3
LATIN AMERICA										
1977	1435	2510	95	166	58	101	54	94	2.5	0.2
1978	2005	3267	100	163	65	106	58	95	3.1	0.2
1979	2100	3145	120	180	80	120	76	114	2.6	0.2
1980	1960	2690	145	199	106	145	98	135	1.9	0.1
1981	3490	4371	195	244	114	143	106	133	3.1	0.2
1982	3650	4295	755	888	93	110	96	113	3.9	0.8
1983	3350	3795	190	215	73	83	96	109	4.6	0.2
1984	4155	4538	785	857	74	80	104	113	5.7	0.8
1985	3755	3982	495	525	74	78	99	105	5.1	0.5
1986	2970	3067	235	243	76	78	86	89	3.9	0.3
1987	3455	3455	790	790	80	80	90	90	4.3	0.9
MIDDLE EAST										
1977	8865	15500	150	262	66	115	107	187	13.5	0.1
1978	9920	16160	260	424	75	122	105	171	13.2	0.2
1979	10090	15120	360	539	82	123	149	224	12.3	0.2
1980	11280	15480	170	233	108	148	208	286	10.5	0.1
1981	15840	19840	955	1196	128	161	206	258	12.3	0.5
1982	19230	22630	850	1000	135	158	161	189	14.3	0.5
1983	21040	23840	300	340	128	145	125	141	16.4	0.2
1984	21560	23550	715	781	116	127	111	121	18.5	0.6
1985	15780	16740	605	642	98	104	101	107	16.1	0.6
1986	13740	14190	535	553	90	93	79	82	15.3	0.7
1987	17890	17890	455	455	106	106	99	99	16.9	0.5

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Billion dollars		Billion dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
NORTH AMERICA										
1977	290	507	6770	11840	203	354	165	288	0.1	4.1
1978	360	587	6540	10660	233	379	192	313	0.2	3.4
1979	390	584	6080	9106	279	418	240	360	0.1	2.5
1980	460	631	6490	8909	320	439	289	396	0.1	2.2
1981	650	814	8600	10770	343	430	306	384	0.2	2.8
1982	680	800	9450	11120	313	368	284	334	0.2	3.3
1983	810	918	11780	13350	335	379	277	314	0.2	4.2
1984	770	841	10790	11780	419	458	308	337	0.2	3.5
1985	700	742	11290	11970	442	469	304	323	0.2	3.7
1986	560	578	9230	9532	472	488	308	318	0.1	3.0
1987	775	775	12720	12720	517	517	349	349	0.1	3.6
OCEANIA										
1977	180	315	30	52	18	31	17	30	1.0	0.2
1978	260	424	50	81	20	33	19	31	1.3	0.3
1979	245	367	40	60	24	36	25	37	1.0	0.2
1980	330	453	40	55	30	41	29	40	1.1	0.1
1981	580	726	30	38	34	42	28	35	1.7	0.1
1982	200	235	25	29	34	40	28	33	0.6	0.1
1983	430	487	40	45	28	32	26	29	1.5	0.2
1984	640	699	70	76	34	37	30	33	1.9	0.2
1985	890	944	120	127	33	35	30	31	2.7	0.4
1986	965	997	10	10	34	35	30	31	2.9	0
1987	655	655	30	30	37	37	35	35	1.8	0.1
SOUTH ASIA										
1977	1310	2291	55	96	11	20	9	16	11.4	0.6
1978	710	1157	50	81	14	23	10	16	5.0	0.5
1979	1350	2022	40	60	18	27	12	18	7.5	0.3
1980	1785	2450	40	55	26	36	14	19	6.9	0.3
1981	2175	2724	60	75	27	34	14	17	8.1	0.4
1982	2925	3442	30	35	26	30	14	17	11.4	0.2
1983	2260	2560	310	351	24	28	15	17	9.2	2.1
1984	2445	2670	370	404	27	29	16	17	9.2	2.4
1985	3600	3818	40	42	28	30	15	16	12.8	0.3
1986	4170	4307	30	31	27	28	16	16	15.5	0.2
1987	4700	4700	10	10	29	29	18	18	16.1	0.1

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Billion dollars		Billion dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
BY ORGANIZATION ^d										
NATO, ALL	e	e								
1977	2020	3533	10860	19000	616	1078	556	973	0.3	2.0
1978	2060	3357	11780	19190	716	1166	665	1083	0.3	1.8
1979	2440	3654	10970	16440	907	1358	831	1244	0.3	1.3
1980	3190	4379	13740	18870	1074	1474	973	1336	0.3	1.4
1981	3790	4746	19180	24020	1017	1273	941	1178	0.4	2.0
1982	4245	4995	17900	21070	955	1123	894	1052	0.4	2.0
1983	4765	5398	21690	24580	948	1074	872	988	0.5	2.5
1984	4520	4937	21410	23380	1041	1137	916	1001	0.4	2.3
1985	4260	4518	19790	20990	1091	1157	949	1006	0.4	2.1
1986	3630	3749	16270	16800	1239	1279	1091	1126	0.3	1.5
1987	4060	4060	19740	19740	1447	1447	1290	1290	0.3	1.5
WARSAW PACT			f	f						
1977	2490	4355	9975	17450	104	181	104	182	2.4	9.6
1978	2550	4155	12790	20840	123	201	118	192	2.1	10.8
1979	2560	3834	17790	26650	141	210	142	212	1.8	12.6
1980	3430	4708	18450	25330	160	219	161	222	2.1	11.4
1981	3510	4396	18980	23770	160	200	163	204	2.2	11.7
1982	3925	4618	22180	26100	163	192	176	207	2.4	12.6
1983	4595	5206	22480	25470	171	193	186	211	2.7	12.1
1984	4760	5199	22860	24970	172	188	189	207	2.8	12.1
1985	5170	5483	21880	23210	177	188	185	196	2.9	11.8
1986	6380	6589	23050	23810	201	208	211	218	3.2	10.9
1987	3540	3540	24070	24070	200	200	221	221	1.8	10.9
OPEC										
1977	8660	15150	65	114	85	149	149	261	10.1	0
1978	9860	16070	50	81	96	156	143	233	10.3	0
1979	10190	15260	180	270	99	148	211	316	10.3	0.1
1980	9125	12530	40	55	132	182	292	401	6.9	0
1981	14430	18070	615	770	157	196	274	343	9.2	0.2
1982	16960	19960	300	353	160	189	223	262	10.6	0.1
1983	15820	17920	90	102	145	164	178	201	10.9	0.1
1984	19680	21490	95	104	126	137	166	181	15.7	0.1
1985	13460	14280	105	111	105	111	149	158	12.8	0.1
1986	12400	12810	95	98	98	101	124	128	12.7	0.1
1987	13100	13100	55	55	101	101	130	130	12.9	0
OECD										
1977	2760	4827	11540	20190	788	1378	723	1264	0.4	1.6
1978	2845	4636	12780	20820	909	1480	866	1411	0.3	1.5
1979	3510	5257	11910	17840	1164	1744	1062	1591	0.3	1.1
1980	4560	6259	14760	20270	1398	1919	1253	1719	0.3	1.2
1981	5830	7301	20350	25490	1329	1664	1233	1544	0.4	1.7
1982	5795	6819	19400	22830	1249	1470	1169	1376	0.5	1.7
1983	6825	7732	23360	26470	1227	1390	1153	1307	0.6	2.0
1984	6920	7558	23730	25920	1336	1459	1232	1346	0.5	1.9
1985	6950	7371	21140	22430	1386	1470	1278	1355	0.5	1.7
1986	6260	6465	17380	17950	1561	1612	1483	1532	0.4	1.2
1987	7280	7280	20300	20300	1842	1842	1742	1742	0.4	1.2

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
BY COUNTRY										
Afghanistan										C
1977	110	192	0	0	328	574	306	535	33.5	0
1978	130	212	0	0	395	644	321	523	32.9	0
1979	500	749	0	0	425	637	474	710	117.6	0
1980	500	686	0	0	841	1154	670	920	59.5	0
1981	725	908	0	0	886	1110	694	869	81.8	0
1982	700	824	0	0	962	1132	708	833	72.8	0
1983	525	595	0	0	1064	1205	729	826	49.3	0
1984	750	819	0	0	1390	1518	633	691	54.0	0
1985	750	795	0	0	1194	1266	557	591	62.8	0
1986	725	749	0	0	1404	1450	552	570	51.6	0
1987	1300	1300	0	0	NA	NA	NA	NA	NA	NA
Albania										
1977	0	0	0	0	NA	NA	NA	NA	NA	NA
1978	0	0	0	0	173	282	151	246	0	0
1979	0	0	0	0	NA	NA	NA	NA	NA	NA
1980	0	0	0	0	NA	NA	NA	NA	NA	NA
1981	0	0	0	0	NA	NA	NA	NA	NA	NA
1982	0	0	0	0	137	161	NA	NA	0	NA
1983	0	0	0	0	280	318	290	329	0	0
1984	0	0	0	0	NA	NA	NA	NA	NA	NA
1985	0	0	0	0	335	355	345	366	0	0
1986	0	0	0	0	363	375	428	442	0	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA
Algeria										
1977	600	1049	0	0	7125	12460	6115	10690	8.4	0
1978	800	1303	0	0	8548	13930	6315	10290	9.4	0
1979	550	824	0	0	8403	12580	9481	14200	6.5	0
1980	725	995	0	0	10560	14490	10250	14060	6.9	0
1981	1200	1503	0	0	11270	14110	9347	11710	10.6	0
1982	1200	1412	0	0	10740	12640	13140	15470	11.2	0
1983	675	765	0	0	10400	11780	11160	12650	6.5	0
1984	775	846	20	22	10290	11240	11860	12950	7.5	0.2
1985	480	509	0	0	9841	10440	10150	10760	4.9	0
1986	600	620	0	0	10160	10500	7875	8133	5.9	0
1987	700	700	0	0	NA	NA	8500	8500	NA	0
Angola										C
1977	340	595	0	0	720	1259	800	1399	47.2	0
1978	420	684	0	0	NA	NA	NA	NA	NA	NA
1979	370	554	0	0	NA	NA	NA	NA	NA	NA
1980	430	590	0	0	NA	NA	NA	NA	NA	NA
1981	675	845	0	0	NA	NA	NA	NA	NA	NA
1982	725	853	0	0	1400	1647	1410	1659	51.8	0
1983	1100	1246	0	0	1500	1699	1600	1813	73.3	0
1984	1500	1638	0	0	NA	NA	NA	NA	NA	NA
1985	775	822	0	0	1700	1803	2000	2121	45.6	0
1986	1300	1343	0	0	1400	1446	1200	1239	92.9	0
1987	1600	1600	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Argentina										
1977	40	70	5	9	4162	7279	5652	9885	1.0	0.1
1978	370	603	0	0	3834	6247	6400	10430	9.7	0
1979	500	749	10	15	6700	10030	7810	11700	7.5	0.1
1980	210	288	5	7	10540	14470	8021	11010	2.0	0.1
1981	500	626	10	13	9430	11810	9143	11450	5.3	0.1
1982	290	341	0	0	5337	6280	7625	8972	5.4	0
1983	975	1105	20	23	4504	5103	7836	8878	21.6	0.3
1984	450	491	120	131	4585	5008	8107	8855	9.8	1.5
1985	180	191	60	64	3814	4045	8396	8905	4.7	0.7
1986	30	31	5	5	4724	4879	6852	7077	0.6	0.1
1987	30	30	20	20	6119	6119	6360	6360	0.5	0.3
Australia										
1977	140	245	30	52	13510	23630	13370	23380	1.0	0.2
1978	240	391	50	81	15570	25360	14410	23490	1.5	0.3
1979	220	329	40	60	18190	27240	18660	27950	1.2	0.2
1980	290	398	40	55	22400	30750	21940	30120	1.3	0.2
1981	550	689	30	38	26210	32830	21470	26890	2.1	0.1
1982	180	212	20	24	26670	31380	21360	25130	0.7	0.1
1983	390	442	40	45	21460	24310	19330	21910	1.8	0.2
1984	550	601	70	76	25920	28310	23160	25290	2.1	0.3
1985	800	848	120	127	25890	27460	22740	24120	3.1	0.5
1986	925	955	10	10	26100	26960	22620	23360	3.5	0
1987	625	625	30	30	29320	29320	26520	26520	2.1	0.1
Austria										
1977	50	87	60	105	14240	24910	9808	17150	0.4	0.6
1978	50	81	200	326	16020	26100	12170	19840	0.3	1.6
1979	40	60	100	150	20250	30330	15480	23190	0.2	0.6
1980	80	110	40	55	24440	33550	17490	24010	0.3	0.2
1981	80	100	320	401	21040	26350	15840	19840	0.4	2.0
1982	50	59	80	94	19500	22950	15640	18410	0.3	0.5
1983	60	68	120	136	19370	21940	15430	17480	0.3	0.8
1984	30	33	220	240	19630	21440	15740	17190	0.2	1.4
1985	20	21	160	170	20990	22260	17240	18280	0.1	0.9
1986	10	10	350	361	26850	27730	22510	23250	0	1.6
1987	10	10	10	10	32720	32720	27170	27170	0	0
Bahrain										
1977	0	0	0	0	2029	3549	1845	3227	0	0
1978	0	0	0	0	2045	3332	1892	3083	0	0
1979	20	30	0	0	2477	3710	2484	3720	0.8	0
1980	40	55	0	0	3483	4781	3597	4938	1.1	0
1981	40	50	0	0	4124	5165	4347	5444	1.0	0
1982	5	6	0	0	3614	4253	3791	4461	0.1	0
1983	30	34	0	0	3342	3786	3200	3625	0.9	0
1984	40	44	0	0	3524	3849	3139	3428	1.1	0
1985	10	11	0	0	3159	3350	2820	2991	0.3	0
1986	50	52	0	0	2427	2507	2344	2421	2.1	0
1987	280	280	0	0	2613	2613	2344	2344	10.7	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Bangladesh										
1977	20	35	0	0	1163	2034	476	833	1.7	0
1978	10	16	0	0	1513	2465	548	893	0.7	0
1979	0	0	0	0	1908	2858	659	987	0	0
1980	30	41	0	0	2599	3568	758	1041	1.2	0
1981	50	63	0	0	2699	3380	791	991	1.9	0
1982	40	47	0	0	2307	2715	769	905	1.7	0
1983	60	68	0	0	2165	2453	724	820	2.8	0
1984	10	11	40	44	2825	3085	931	1017	0.4	4.3
1985	50	53	0	0	2772	2940	999	1060	1.8	0
1986	70	72	0	0	2486	2567	880	909	2.8	0
1987	10	10	0	0	2707	2707	887	887	0.4	0
Barbados										
1977	0	0	0	0	272	476	96	168	0	0
1978	0	0	0	0	313	510	130	212	0	0
1979	0	0	0	0	423	634	151	226	0	0
1980	0	0	0	0	522	717	226	310	0	0
1981	10	13	0	0	572	716	194	243	1.7	0
1982	0	0	0	0	551	648	257	302	0	0
1983	0	0	0	0	621	704	321	364	0	0
1984	0	0	0	0	659	720	390	426	0	0
1985	0	0	0	0	607	644	347	368	0	0
1986	0	0	0	0	587	606	275	284	0	0
1987	20	20	0	0	515	515	156	156	3.9	0
Belgium										
1977	80	140	140	245	38120	66680	34510	60360	0.2	0.4
1978	80	130	140	228	45780	74590	41290	67280	0.2	0.3
1979	290	434	70	105	57800	86570	53770	80540	0.5	0.1
1980	320	439	140	192	68250	93690	61650	84630	0.5	0.2
1981	340	426	290	363	59450	74450	53310	66760	0.6	0.5
1982	330	388	90	106	55500	65300	50120	58980	0.6	0.2
1983	460	521	300	340	52650	59650	49750	56370	0.9	0.6
1984	410	448	360	393	52790	57660	49630	54210	0.8	0.7
1985	300	318	320	339	53090	56300	53730	56990	0.6	0.6
1986	170	176	170	176	65290	67430	65820	67970	0.3	0.3
1987	140	140	20	20	78400	78400	79720	79720	0.2	0
Benin										
1977	50	87	0	0	268	469	41	72	18.7	0
1978	10	16	0	0	311	507	27	44	3.2	0
1979	50	75	0	0	320	479	46	69	15.6	0
1980	30	41	0	0	331	454	63	87	9.1	0
1981	40	50	0	0	544	681	34	43	7.4	0
1982	30	35	0	0	464	546	24	28	6.5	0
1983	40	45	0	0	588	666	NA	NA	6.8	NA
1984	10	11	0	0	NA	NA	NA	NA	NA	NA
1985	10	11	0	0	NA	NA	NA	NA	NA	NA
1986	10	10	0	0	NA	NA	NA	NA	NA	NA
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS	ARMS ^c EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		TOTAL IMPORTS	TOTAL EXPORTS
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	%	%
Bolivia										
1977	10	17	0	0	591	1034	632	1105	1.7	0
1978	20	33	0	0	769	1253	629	1025	2.6	0
1979	80	120	0	0	980	1468	760	1138	8.2	0
1980	40	55	0	0	678	931	942	1293	5.9	0
1981	70	88	0	0	975	1221	912	1142	7.2	0
1982	0	0	0	0	578	680	828	974	0	0
1983	0	0	0	0	589	667	755	855	0	0
1984	10	11	0	0	492	537	725	792	2.0	0
1985	0	0	0	0	552	585	623	661	0	0
1986	20	21	0	0	716	739	564	582	2.8	0
1987	0	0	0	0	761	761	566	566	0	0
Botswana										
1977	10	17	0	0	276	483	180	315	3.6	0
1978	10	16	0	0	353	575	223	363	2.8	0
1979	5	7	0	0	521	780	436	653	1.0	0
1980	0	0	0	0	691	949	503	691	0	0
1981	10	13	0	0	799	1001	379	474	1.3	0
1982	0	0	0	0	688	810	457	538	0	0
1983	0	0	0	0	736	834	636	721	0	0
1984	0	0	0	0	707	772	674	736	0	0
1985	5	5	0	0	583	618	744	789	0.9	0
1986	0	0	0	0	684	706	858	886	0	0
1987	0	0	0	0	849	849	1521	1521	0	0
Brazil										
1977	90	157	80	140	13260	23190	12120	21200	0.7	0.7
1978	200	326	100	163	15050	24530	12660	20630	1.3	0.8
1979	240	359	110	165	19800	29660	15240	22830	1.2	0.7
1980	130	178	140	192	24960	34260	20130	27640	0.5	0.7
1981	60	75	170	213	24080	30150	23290	29170	0.2	0.7
1982	30	35	675	794	21070	24790	20170	23740	0.1	3.3
1983	40	45	130	147	16800	19030	21900	24810	0.2	0.6
1984	150	164	625	683	15210	16610	27000	29500	1.0	2.3
1985	50	53	350	371	14330	15200	25640	27190	0.3	1.4
1986	120	124	220	227	15560	16070	22350	23080	0.8	1.0
1987	100	100	600	600	16580	16580	26220	26220	0.6	2.3
Bulgaria										
1977	190	332	10	17	6344	11100	6303	11020	3.0	0.2
1978	260	424	70	114	7658	12480	7485	12200	3.4	0.9
1979	380	569	50	75	8580	12850	9013	13500	4.4	0.6
1980	230	316	70	96	9776	13420	10490	14400	2.4	0.7
1981	370	463	200	250	10610	13290	10490	13140	3.5	1.9
1982	440	518	380	447	11610	13660	11500	13540	3.8	3.3
1983	650	736	450	510	12370	14020	12220	13850	5.3	3.7
1984	700	765	500	546	12350	13490	12530	13690	5.7	4.0
1985	950	1008	575	610	13090	13880	12780	13550	7.3	4.5
1986	1300	1343	430	444	15300	15800	14490	14960	8.5	3.0
1987	600	600	480	480	17060	17060	16910	16910	3.5	2.8

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Burkina Faso (formerly Upper Volta)										
1977	5	9	0	0	209	366	55	96	2.4	0
1978	0	0	0	0	227	370	42	68	0	0
1979	5	7	0	0	301	451	77	115	1.7	0
1980	10	14	0	0	359	493	90	124	2.8	0
1981	10	13	0	0	338	423	74	93	3.0	0
1982	0	0	0	0	347	408	56	66	0	0
1983	5	6	0	0	291	330	58	66	1.7	0
1984	20	22	0	0	211	230	80	87	9.5	0
1985	20	21	0	0	332	352	71	75	6.0	0
1986	30	31	0	0	405	418	83	86	7.4	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA
Burma										
1977	10	17	0	0	275	481	208	364	3.6	0
1978	5	8	0	0	470	766	233	380	1.1	0
1979	30	45	0	0	569	852	383	574	5.3	0
1980	20	27	0	0	785	1078	472	648	2.5	0
1981	20	25	0	0	825	1033	477	597	2.4	0
1982	60	71	0	0	409	481	394	464	14.7	0
1983	20	23	0	0	268	304	378	428	7.5	0
1984	30	33	0	0	239	261	379	414	12.6	0
1985	40	42	0	0	283	300	330	350	14.1	0
1986	20	21	0	0	304	314	299	309	6.6	0
1987	10	10	0	0	268	268	219	219	3.7	0
Burundi										
1977	10	17	0	0	74	129	89	156	13.5	0
1978	0	0	0	0	98	160	69	112	0	0
1979	0	0	0	0	152	228	104	156	0	0
1980	10	14	0	0	168	231	65	89	6.0	0
1981	10	13	0	0	161	202	75	94	6.2	0
1982	20	24	0	0	214	252	88	104	9.3	0
1983	10	11	0	0	184	208	80	91	5.4	0
1984	10	11	0	0	187	204	103	112	5.3	0
1985	5	5	0	0	189	200	112	119	2.6	0
1986	10	10	0	0	203	210	167	172	4.9	0
1987	20	20	0	0	212	212	84	84	9.4	0
Cambodia										
1977	10	17	0	0	NA	NA	NA	NA	NA	NA
1978	40	65	0	0	20	33	1	2	200.0	0
1979	10	15	0	0	NA	NA	NA	NA	NA	NA
1980	50	69	0	0	NA	NA	NA	NA	NA	NA
1981	70	88	0	0	NA	NA	NA	NA	NA	NA
1982	70	82	0	0	NA	NA	NA	NA	NA	NA
1983	140	159	0	0	30	34	10	11	466.7	0
1984	190	208	0	0	NA	NA	NA	NA	NA	NA
1985	280	297	0	0	28	29	3	3	1014.5	0
1986	150	155	0	0	NA	NA	NA	NA	NA	NA
1987	350	350	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Cameroon										
1977	10	17	0	0	783	1369	704	1231	1.3	0
1978	5	8	0	0	1056	1721	802	1307	0.5	0
1979	0	0	0	0	1275	1910	1123	1682	0	0
1980	5	7	0	0	1602	2199	1384	1900	0.3	0
1981	30	38	0	0	1427	1787	1105	1384	2.1	0
1982	20	24	0	0	1211	1425	1064	1252	1.7	0
1983	100	113	0	0	1216	1378	976	1106	8.2	0
1984	70	76	0	0	1112	1215	886	968	6.3	0
1985	30	32	0	0	1151	1221	722	766	2.6	0
1986	10	10	0	0	1704	1760	782	808	0.6	0
1987	5	5	0	0	NA	NA	NA	NA	NA	NA
Canada										
1977	170	297	70	122	42260	73910	43540	76160	0.4	0.2
1978	240	391	140	228	46550	75840	48430	78910	0.5	0.3
1979	260	389	180	270	56950	85300	58290	87300	0.5	0.3
1980	320	439	90	124	62540	85850	67730	92980	0.5	0.1
1981	440	551	100	125	70010	87670	72730	91080	0.6	0.1
1982	250	294	250	294	58130	68400	71230	83820	0.4	0.4
1983	310	351	180	204	64790	73400	76750	86950	0.5	0.2
1984	300	328	190	208	77790	84960	90270	98600	0.4	0.2
1985	100	106	190	202	80640	85520	90950	96460	0.1	0.2
1986	130	134	130	134	85070	87860	90190	93150	0.2	0.1
1987	150	150	120	120	92730	92730	98120	98120	0.2	0.1
Cape Verde										
									c	
1977	0	0	0	0	38	66	2	3	0	0
1978	20	33	0	0	54	88	2	3	37.0	0
1979	30	45	0	0	56	84	3	4	53.6	0
1980	10	14	0	0	68	93	4	5	14.7	0
1981	10	13	0	0	71	89	3	4	14.1	0
1982	0	0	0	0	72	85	4	5	0	0
1983	0	0	0	0	79	90	3	3	0	0
1984	0	0	0	0	71	78	3	3	0	0
1985	0	0	0	0	81	86	5	5	0	0
1986	5	5	0	0	NA	NA	NA	NA	NA	NA
1987	5	5	0	0	NA	NA	NA	NA	NA	NA
Central African Republic										
1977	0	0	0	0	63	110	82	143	0	0
1978	0	0	0	0	55	90	72	117	0	0
1979	10	15	0	0	70	105	80	120	14.3	0
1980	0	0	0	0	81	111	116	159	0	0
1981	5	6	0	0	95	119	79	99	5.3	0
1982	0	0	0	0	123	145	108	127	0	0
1983	0	0	0	0	77	87	75	85	0	0
1984	0	0	0	0	87	95	85	93	0	0
1985	0	0	0	0	113	120	92	98	0	0
1986	0	0	0	0	252	260	131	135	0	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS	ARMS ^c EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		TOTAL IMPORTS	TOTAL EXPORTS
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	%	%
Chad										
1977	10	17	0	0	189	331	107	187	5.3	0
1978	0	0	0	0	217	354	99	161	0	0
1979	0	0	0	0	85	127	88	132	0	0
1980	0	0	0	0	74	102	71	97	0	0
1981	5	6	0	0	108	135	83	104	4.6	0
1982	0	0	0	0	109	128	58	68	0	0
1983	10	11	0	0	157	178	74	84	6.4	0
1984	40	44	0	0	171	187	113	123	23.4	0
1985	10	11	0	0	NA	NA	NA	NA	NA	NA
1986	10	10	0	0	NA	NA	NA	NA	NA	NA
1987	100	100	0	0	NA	NA	NA	NA	NA	NA
Chile										
1977	60	105	0	0	2259	3951	2190	3830	2.7	0
1978	60	98	0	0	3002	4891	2478	4038	2.0	0
1979	180	270	0	0	4218	6317	3894	5832	4.3	0
1980	250	343	0	0	5124	7034	4671	6412	4.9	0
1981	310	388	5	6	6364	7970	3906	4892	4.9	0.1
1982	280	329	0	0	3528	4151	3710	4365	7.9	0
1983	90	102	0	0	2969	3364	3836	4346	3.0	0
1984	160	175	20	22	3191	3485	3657	3994	5.0	0.5
1985	20	21	80	85	2743	2909	3823	4055	0.7	2.1
1986	10	10	10	10	2914	3009	4222	4360	0.3	0.2
1987	30	30	170	170	3793	3793	5091	5091	0.8	3.3
China										
Mainland										
1977	100	175	110	192	6595	11530	8110	14180	1.5	1.4
1978	90	147	170	277	10350	16860	10170	16580	0.9	1.7
1979	180	270	140	210	14490	21700	13730	20570	1.2	1.0
1980	190	261	290	398	19300	26500	18920	25980	1.0	1.5
1981	120	150	400	501	17940	22470	21490	26920	0.7	1.9
1982	80	94	1300	1530	16690	19640	23430	27580	0.5	5.5
1983	100	113	1600	1813	18480	20940	23710	26860	0.5	6.7
1984	440	481	2000	2184	25490	27840	27640	30190	1.7	7.2
1985	600	636	675	716	39480	41870	31320	33220	1.5	2.2
1986	500	516	1200	1239	43170	44590	31300	32330	1.2	3.8
1987	380	380	1000	1000	43390	43390	39540	39540	0.9	2.5
Taiwan										
1977	180	315	10	17	8522	14900	9349	16350	2.1	0.1
1978	200	326	0	0	11050	18010	12680	20660	1.8	0
1979	200	300	0	0	NA	NA	11200	16770	NA	0
1980	625	858	0	0	19750	27110	19770	27140	3.2	0
1981	550	689	40	50	NA	NA	NA	NA	NA	NA
1982	700	824	0	0	NA	NA	NA	NA	NA	NA
1983	480	544	5	6	20310	23010	25090	28420	2.4	0
1984	400	437	10	11	22000	24030	30440	33250	1.8	0
1985	575	610	0	0	20120	21340	30700	32560	2.9	0
1986	360	372	0	0	24230	25020	39750	41060	1.5	0
1987	600	600	0	0	34800	34800	53820	53820	1.7	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Colombia										
1977	10	17	0	0	2028	3547	2443	4273	0.5	0
1978	10	16	0	0	2836	4621	3003	4893	0.4	0
1979	20	30	0	0	3233	4842	3300	4942	0.6	0
1980	70	96	0	0	4663	6401	3945	5415	1.5	0
1981	40	50	0	0	5199	6511	2956	3702	0.8	0
1982	130	153	0	0	5478	6446	3095	3642	2.4	0
1983	30	34	0	0	4968	5628	3081	3491	0.6	0
1984	700	765	0	0	4498	4913	3462	3781	15.6	0
1985	20	21	0	0	4141	4392	3552	3767	0.5	0
1986	30	31	0	0	3862	3989	5102	5269	0.8	0
1987	10	10	0	0	4322	4322	1158	1158	0.2	0
Congo										
1977	30	52	0	0	209	366	181	317	14.4	0
1978	30	49	0	0	260	424	118	192	11.5	0
1979	5	7	0	0	283	424	510	764	1.8	0
1980	40	55	0	0	545	748	911	1251	7.3	0
1981	70	88	0	0	441	552	1073	1344	15.9	0
1982	0	0	0	0	744	875	977	1150	0	0
1983	90	102	0	0	688	779	1066	1208	13.1	0
1984	100	109	0	0	618	675	1183	1292	16.2	0
1985	30	32	0	0	598	634	1077	1142	5.0	0
1986	20	21	0	0	NA	NA	NA	NA	NA	NA
1987	5	5	0	0	NA	NA	NA	NA	NA	NA
Costa Rica										
1977	0	0	0	0	1021	1786	828	1448	0	0
1978	0	0	0	0	1166	1900	865	1409	0	0
1979	0	0	0	0	1397	2092	934	1399	0	0
1980	0	0	0	0	1540	2114	1002	1375	0	0
1981	0	0	0	0	1209	1514	1008	1262	0	0
1982	0	0	0	0	889	1046	870	1024	0	0
1983	0	0	0	0	988	1119	873	989	0	0
1984	5	5	0	0	1094	1195	1006	1099	0.5	0
1985	20	21	0	0	1098	1165	976	1035	1.8	0
1986	10	10	0	0	1148	1186	1121	1158	0.9	0
1987	0	0	0	0	1383	1383	1158	1158	0	0
Cuba										
1977	450	787	10	17	4362	7629	3669	6417	10.3	0.3
1978	800	1303	0	0	4751	7741	4575	7454	16.8	0
1979	700	1048	0	0	5089	7622	4829	7232	13.8	0
1980	480	659	0	0	6409	8798	5593	7677	7.5	0
1981	1500	1878	10	13	6546	8198	5406	6770	22.9	0.2
1982	1700	2000	20	24	6645	7819	5928	6975	25.6	0.3
1983	1300	1473	40	45	7235	8197	6416	7269	18.0	0.6
1984	1400	1529	20	22	8213	8970	6174	6743	17.0	0.3
1985	2400	2545	5	5	8677	9203	6502	6896	27.7	0.1
1986	1600	1652	0	0	9158	9458	6290	6496	17.5	0
1987	1800	1800	0	0	7236	7236	7236	7236	24.9	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Cyprus										
1977	0	0	0	0	623	1090	318	556	0	0
1978	0	0	0	0	758	1235	344	561	0	0
1979	10	15	0	0	1010	1513	456	683	1.0	0
1980	5	7	0	0	1202	1650	533	732	0.4	0
1981	10	13	0	0	1166	1460	556	696	0.9	0
1982	20	24	0	0	1215	1430	555	653	1.6	0
1983	20	23	10	11	1219	1381	437	495	1.6	2.3
1984	20	22	0	0	1364	1490	524	572	1.5	0
1985	5	5	0	0	1247	1323	437	463	0.4	0
1986	10	10	0	0	1271	1313	459	474	0.8	0
1987	260	260	0	0	1484	1484	584	584	17.5	0
Czechoslovakia										
1977	250	437	675	1181	10880	19030	10010	17510	2.3	6.7
1978	120	196	950	1548	12490	20350	11670	19010	1.0	8.1
1979	340	509	975	1460	14370	21520	13310	19940	2.4	7.3
1980	220	302	950	1304	15520	21310	15250	20940	1.4	6.2
1981	470	589	800	1002	14960	18730	15200	19040	3.1	5.3
1982	775	912	675	794	16000	18830	16180	19040	4.8	4.2
1983	340	385	750	850	17040	19300	17120	19400	2.0	4.4
1984	900	983	900	983	17350	18950	17410	19010	5.2	5.2
1985	800	848	1500	1591	17890	18980	17810	18890	4.5	8.4
1986	1100	1136	1300	1343	21970	22690	21900	22620	5.0	5.9
1987	900	900	975	975	23870	23870	23510	23510	3.8	4.1
Denmark										
1977	70	122	10	17	13260	23200	10060	17600	0.5	0.1
1978	70	114	5	8	14810	24130	11880	19360	0.5	0
1979	30	45	0	0	18400	27560	14700	22010	0.2	0
1980	200	275	10	14	19430	26670	16980	23310	1.0	0.1
1981	210	263	20	25	17570	22010	16090	20160	1.2	0.1
1982	210	247	20	24	16690	19640	15380	18100	1.3	0.1
1983	170	193	5	6	16260	18420	16040	18170	1.0	0
1984	90	98	0	0	14610	15960	15980	17450	0.6	0
1985	100	106	0	0	18240	19350	17090	18130	0.5	0
1986	50	52	5	5	22880	23630	21290	21990	0.2	0
1987	100	100	10	10	25490	25490	25630	25630	0.4	0
Dominican Republic										
1977	0	0	0	0	975	1705	780	1364	0	0
1978	0	0	0	0	987	1608	676	1101	0	0
1979	0	0	0	0	1213	1817	869	1301	0	0
1980	10	14	0	0	1640	2251	962	1321	0.6	0
1981	0	0	0	0	1668	2089	1188	1488	0	0
1982	10	12	0	0	1444	1699	768	904	0.7	0
1983	5	6	0	0	1471	1667	785	889	0.3	0
1984	10	11	0	0	1446	1579	868	948	0.7	0
1985	5	5	0	0	1487	1577	735	780	0.3	0
1986	5	5	0	0	1433	1480	718	742	0.3	0
1987	5	5	0	0	1783	1783	711	711	0.3	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Ecuador										
1977	160	280	0	0	1189	2080	1436	2512	13.5	0
1978	90	147	0	0	1505	2452	1558	2539	6.0	0
1979	170	255	0	0	1600	2396	2104	3151	10.6	0
1980	180	247	0	0	2253	3093	2481	3406	8.0	0
1981	100	125	0	0	2246	2813	2542	3183	4.5	0
1982	280	329	0	0	2169	2552	2327	2738	12.9	0
1983	180	204	0	0	1487	1685	2348	2660	12.1	0
1984	140	153	0	0	1616	1765	2620	2862	8.7	0
1985	50	53	0	0	1767	1874	2905	3081	2.8	0
1986	30	31	0	0	1810	1869	2172	2243	1.7	0
1987	70	70	0	0	2052	2052	2021	2021	3.4	0
Egypt										
1977	270	472	50	87	4815	8421	1708	2987	5.6	2.9
1978 ¹	400	652	80	130	6727	10960	1737	2830	5.9	4.6
1979	625	936	10	15	3837	5747	1840	2756	16.3	0.5
1980	550	755	0	0	4860	6671	3047	4183	11.3	0
1981	575	720	30	38	8782	11000	3233	4049	6.5	0.9
1982	2100	2471	340	400	9078	10680	3120	3671	23.1	10.9
1983	1800	2039	50	57	10270	11640	3214	3641	17.5	1.6
1984	1700	1857	180	197	10770	11760	3140	3430	15.8	5.7
1985	1500	1591	70	74	9961	10560	3714	3939	15.1	1.9
1986	1300	1343	60	62	11500	11880	2934	3030	11.3	2.0
1987	1500	1500	70	70	16230	16230	4351	4351	9.2	1.6
El Salvador										
1977	0	0	0	0	929	1625	972	1700	0	0
1978	5	8	0	0	1027	1673	801	1305	0.5	0
1979	30	45	0	0	1039	1556	1131	1694	2.9	0
1980	0	0	0	0	962	1321	1074	1474	0	0
1981	10	13	0	0	985	1234	797	998	1.0	0
1982	40	47	0	0	857	1008	699	823	4.7	0
1983	50	57	0	0	891	1009	735	833	5.6	0
1984	80	87	0	0	977	1067	725	792	8.2	0
1985	90	95	0	0	961	1019	679	720	9.4	0
1986	80	83	0	0	902	932	757	782	8.9	0
1987	50	50	0	0	NA	NA	NA	NA	NA	NA
Equatorial Guinea										
1977	0	0	0	0	NA	NA	NA	NA	NA	NA
1978	10	16	0	0	NA	NA	NA	NA	NA	NA
1979	0	0	0	0	NA	NA	NA	NA	NA	NA
1980	20	27	0	0	37	51	13	18	53.9	0
1981	10	13	0	0	NA	NA	NA	NA	NA	NA
1982	10	12	0	0	42	49	17	20	24.1	0
1983	10	11	0	0	NA	NA	18	20	NA	0
1984	0	0	0	0	NA	NA	20	22	NA	0
1985	0	0	0	0	NA	NA	25	27	NA	0
1986	0	0	0	0	NA	NA	39	40	NA	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Ethiopia										
									C	
1977	550	962	0	0	352	616	333	582	156.3	0
1978	1500	2444	0	0	455	741	306	499	329.7	0
1979	330	494	0	0	567	849	418	626	58.2	0
1980	725	995	0	0	722	991	425	583	100.4	0
1981	420	526	0	0	739	925	389	487	56.8	0
1982	575	677	0	0	786	925	404	475	73.2	0
1983	975	1105	0	0	876	992	403	457	111.3	0
1984	1200	1311	0	0	928	1014	417	455	129.3	0
1985	775	822	0	0	993	1053	333	353	78.0	0
1986	330	341	0	0	1102	1138	455	470	29.9	0
1987	1000	1000	0	0	900	900	390	390	111.1	0
Fiji										
1977	0	0	0	0	307	537	180	315	0	0
1978	0	0	0	0	355	578	198	323	0	0
1979	5	7	0	0	470	704	257	385	1.1	0
1980	0	0	0	0	562	771	377	518	0	0
1981	0	0	0	0	631	790	311	389	0	0
1982	0	0	0	0	509	599	284	334	0	0
1983	0	0	0	0	484	548	240	272	0	0
1984	0	0	0	0	450	491	256	280	0	0
1985	0	0	0	0	442	469	237	251	0	0
1986	0	0	0	0	437	451	274	283	0	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA
Finland										
1977	10	17	0	0	7608	13310	7665	13410	0.1	0
1978	30	49	0	0	7866	12820	8570	13960	0.4	0
1979	20	30	80	120	11400	17070	11170	16730	0.2	0.7
1980	190	261	5	7	15630	21460	14150	19420	1.2	0
1981	90	113	5	6	14190	17770	14000	17540	0.6	0
1982	110	129	10	12	13400	15770	13090	15400	0.8	0.1
1983	80	91	350	397	12820	14520	12540	14200	0.6	2.8
1984	70	76	320	350	12430	13580	13470	14710	0.6	2.4
1985	140	148	0	0	13240	14040	13630	14460	1.1	0
1986	130	134	0	0	15340	15840	16360	16890	0.8	0
1987	40	40	0	0	19800	19800	20010	20010	0.2	0
France										
1977	50	87	1500	2623	70490	123300	65000	113700	0.1	2.3
1978	70	114	1900	3096	81790	133300	79370	129300	0.1	2.4
1979	110	165	1500	2246	107000	160300	100700	150800	0.1	1.5
1980	40	55	2700	3706	134900	185100	116000	159300	0	2.3
1981	40	50	4300	5385	121000	151500	106400	133300	0	4.0
1982	80	94	3700	4354	115700	136200	96690	113800	0.1	3.8
1983	140	159	4300	4872	105900	120000	94940	107600	0.1	4.5
1984	100	109	4100	4478	104400	114000	97570	106600	0.1	4.2
1985	150	159	4800	5091	108300	114800	101700	107800	0.1	4.7
1986	210	217	4000	4131	129400	133600	124900	129000	0.2	3.2
1987	220	220	2600	2600	158500	158500	148400	148400	0.1	1.8

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Gabon										
1977	10	17	0	0	716	1252	1343	2349	1.4	0
1978	10	16	0	0	617	1005	1107	1804	1.6	0
1979	10	15	0	0	532	797	1848	2768	1.9	0
1980	60	82	0	0	674	925	2173	2983	8.9	0
1981	20	25	0	0	841	1053	2200	2755	2.4	0
1982	10	12	0	0	723	851	2161	2543	1.4	0
1983	10	11	0	0	853	966	1975	2238	1.2	0
1984	20	22	0	0	888	970	2011	2196	2.3	0
1985	140	148	0	0	976	1035	1974	2094	14.3	0
1986	0	0	0	0	951	982	1500	1549	0	0
1987	0	0	0	0	785	785	NA	NA	0	NA
Gambia, The										
1977	0	0	0	0	78	136	47	82	0	0
1978	0	0	0	0	100	163	39	64	0	0
1979	0	0	0	0	141	211	58	87	0	0
1980	0	0	0	0	165	226	32	44	0	0
1981	0	0	0	0	124	155	27	34	0	0
1982	0	0	0	0	97	114	44	52	0	0
1983	0	0	0	0	115	130	48	54	0	0
1984	10	11	0	0	100	109	49	54	10.0	0
1985	10	11	0	0	94	100	45	48	10.6	0
1986	10	10	0	0	99	102	35	36	10.1	0
1987	10	10	0	0	NA	NA	NA	NA	NA	NA
Germany, East										
1977	525	918	90	157	15050	26320	12780	22350	3.5	0.7
1978	360	587	80	130	16450	26810	14960	24380	2.2	0.5
1979	240	359	80	120	18380	27530	16610	24880	1.3	0.5
1980	410	563	180	247	20790	28540	18860	25890	2.0	1.0
1981	600	751	140	175	19970	25000	19650	24610	3.0	0.7
1982	625	735	160	188	20620	24270	22200	26130	3.0	0.7
1983	1200	1360	210	238	21970	24900	24290	27520	5.5	0.9
1984	1100	1201	390	426	21930	23950	24550	26820	5.0	1.6
1985	1200	1273	550	583	22150	23500	23890	25340	5.4	2.3
1986	1000	1033	280	289	27620	28520	27860	28780	3.6	1.0
1987	220	220	210	210	31010	31010	30760	30760	0.7	0.7
Germany, West										
1977	420	735	925	1618	101500	177400	118100	206500	0.4	0.8
1978	350	570	900	1466	121800	198400	142500	232100	0.3	0.6
1979	360	539	1200	1797	159600	239100	171800	257300	0.2	0.7
1980	430	590	1400	1922	188000	258100	192900	264700	0.2	0.7
1981	550	689	1500	1878	163900	205300	176100	220500	0.3	0.9
1982	550	647	925	1088	155400	182800	176400	207600	0.4	0.5
1983	430	487	2000	2266	152900	173300	169400	192000	0.3	1.2
1984	500	546	2800	3058	153000	167100	171700	187600	0.3	1.6
1985	480	509	875	928	158500	168100	183900	195100	0.3	0.5
1986	340	351	625	645	191100	197300	243300	251300	0.2	0.3
1987	420	420	1800	1800	228300	228300	294200	294200	0.2	0.6

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Ghana										
1977	20	35	0	0	1143	1999	1014	1773	1.7	0
1978	40	65	0	0	989	1611	1093	1781	4.0	0
1979	50	75	0	0	852	1276	995	1490	5.9	0
1980	0	0	0	0	1129	1550	1257	1726	0	0
1981	0	0	0	0	1107	1386	1065	1334	0	0
1982	10	12	0	0	705	830	873	1028	1.4	0
1983	10	11	0	0	2053	2326	2237	2534	0.5	0
1984	20	22	0	0	580	633	528	577	3.4	0
1985	0	0	0	0	731	775	617	654	0	0
1986	5	5	0	0	783	809	863	891	0.6	0
1987	10	10	0	0	NA	NA	NA	NA	NA	NA
Greece										
1977	430	752	0	0	6853	11990	2756	4820	6.3	0
1978	310	505	5	8	7829	12760	3368	5488	4.0	0.1
1979	380	569	5	7	9614	14400	3885	5818	4.0	0.1
1980	240	329	0	0	10550	14480	5153	7074	2.3	0
1981	460	576	0	0	8810	11030	4246	5317	5.2	0
1982	400	471	120	141	10030	11800	4298	5057	4.0	2.8
1983	480	544	0	0	9500	10760	4413	5000	5.1	0
1984	280	306	100	109	9435	10310	4811	5255	3.0	2.1
1985	300	318	0	0	10130	10750	4539	4814	3.0	0
1986	150	155	40	41	11350	11720	5648	5833	1.3	0.7
1987	150	150	40	40	13170	13170	6533	6533	1.1	0.6
Guatemala										
1977	5	9	0	0	1053	1842	1182	2067	0.5	0
1978	10	16	0	0	1286	2095	1113	1813	0.8	0
1979	10	15	0	0	1504	2252	1270	1902	0.7	0
1980	10	14	0	0	1598	2194	1557	2137	0.6	0
1981	0	0	0	0	1674	2096	1254	1570	0	0
1982	10	12	0	0	1388	1633	1153	1357	0.7	0
1983	5	6	0	0	1126	1276	1190	1348	0.4	0
1984	40	44	0	0	1279	1397	1137	1242	3.1	0
1985	30	32	0	0	1175	1246	1054	1118	2.6	0
1986	0	0	0	0	960	991	1103	1139	0	0
1987	5	5	0	0	1479	1479	1084	1084	0.3	0
Guinea										
1977	0	0	0	0	NA	NA	NA	NA	NA	NA
1978	20	33	0	0	272	443	334	544	7.4	0
1979	30	45	0	0	NA	NA	NA	NA	NA	NA
1980	20	27	0	0	NA	NA	NA	NA	NA	NA
1981	5	6	0	0	NA	NA	NA	NA	NA	NA
1982	10	12	0	0	NA	NA	NA	NA	NA	NA
1983	10	11	0	0	NA	NA	NA	NA	NA	NA
1984	50	55	0	0	403	440	537	587	12.4	0
1985	70	74	0	0	NA	NA	NA	NA	NA	NA
1986	50	52	0	0	571	590	538	556	8.8	0
1987	50	50	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Guinea-Bissau										
1977	0	0	0	0	37	65	13	23	0	0
1978	20	33	0	0	49	80	12	20	40.8	0
1979	10	15	0	0	61	91	13	19	16.4	0
1980	10	14	0	0	55	75	11	15	18.2	0
1981	10	13	0	0	50	63	14	18	20.0	0
1982	0	0	0	0	50	59	12	14	0	0
1983	10	11	0	0	55	62	9	10	18.2	0
1984	40	44	0	0	NA	NA	17	19	NA	0
1985	10	11	0	0	NA	NA	12	13	NA	0
1986	20	21	0	0	NA	NA	NA	NA	NA	NA
1987	40	40	0	0	NA	NA	NA	NA	NA	NA
Guyana										
1977	0	0	0	0	315	551	259	453	0	0
1978	0	0	0	0	279	455	296	482	0	0
1979	0	0	0	0	318	476	293	439	0	0
1980	5	7	0	0	396	544	389	534	1.3	0
1981	0	0	0	0	438	549	352	441	0	0
1982	0	0	0	0	280	329	241	284	0	0
1983	10	11	0	0	246	279	189	214	4.1	0
1984	0	0	0	0	213	233	201	220	0	0
1985	10	11	0	0	248	263	208	221	4.0	0
1986	0	0	0	0	NA	NA	228	235	NA	0
1987	0	0	0	0	NA	NA	243	243	NA	0
Haiti										
1977	0	0	0	0	213	373	149	261	0	0
1978	0	0	0	0	233	380	155	253	0	0
1979	0	0	0	0	272	407	185	277	0	0
1980	0	0	0	0	375	515	226	310	0	0
1981	10	13	0	0	461	577	152	190	2.2	0
1982	0	0	0	0	387	455	163	192	0	0
1983	5	6	0	0	441	500	154	174	1.1	0
1984	0	0	0	0	450	491	179	196	0	0
1985	10	11	0	0	442	469	174	185	2.3	0
1986	0	0	0	0	NA	NA	186	192	NA	0
1987	0	0	0	0	NA	NA	166	166	NA	0
Honduras										
1977	5	9	0	0	579	1013	519	908	0.9	0
1978	5	8	0	0	699	1139	613	999	0.7	0
1979	10	15	0	0	826	1237	734	1099	1.2	0
1980	0	0	0	0	1009	1385	830	1139	0	0
1981	10	13	0	0	945	1183	729	913	1.1	0
1982	0	0	0	0	692	814	668	786	0	0
1983	10	11	0	0	823	932	671	760	1.2	0
1984	80	87	0	0	954	1042	746	815	8.4	0
1985	20	21	0	0	890	944	765	811	2.2	0
1986	60	62	0	0	875	904	854	882	6.9	0
1987	60	60	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Hungary										
1977	170	297	60	105	8558	14970	7959	13920	2.0	0.8
1978	270	440	70	114	10580	17250	8814	14360	2.6	0.8
1979	230	344	60	90	11920	17850	11120	16650	1.9	0.5
1980	490	673	110	151	12610	17310	11640	15980	3.9	0.9
1981	190	238	90	113	12590	15770	11830	14810	1.5	0.8
1982	380	447	120	141	12870	15140	12420	14620	3.0	1.0
1983	160	181	310	351	13370	15140	13200	14950	1.2	2.3
1984	260	284	250	273	12940	14130	13280	14500	2.0	1.9
1985	80	85	240	255	12930	13720	13440	14250	0.6	1.8
1986	180	186	240	248	15760	16280	15370	15870	1.1	1.6
1987	360	360	220	220	9849	9849	17920	17920	3.7	1.2
Iceland										
1977	0	0	0	0	605	1058	512	895	0	0
1978	0	0	0	0	675	1100	641	1044	0	0
1979	0	0	0	0	815	1221	782	1171	0	0
1980	0	0	0	0	999	1371	918	1260	0	0
1981	0	0	0	0	1024	1282	895	1121	0	0
1982	0	0	0	0	944	1111	685	806	0	0
1983	0	0	0	0	818	927	740	838	0	0
1984	0	0	0	0	841	919	744	813	0	0
1985	5	5	0	0	905	960	815	864	0.6	0
1986	0	0	0	0	1119	1156	1099	1135	0	0
1987	0	0	0	0	1590	1590	1375	1375	0	0
India										
1977	950	1662	50	87	6647	11630	6378	11150	14.3	0.8
1978	360	587	20	33	7865	12820	6671	10870	4.6	0.3
1979	600	899	30	45	9827	14720	7806	11690	6.1	0.4
1980	825	1132	30	41	14860	20400	8586	11790	5.6	0.3
1981	1100	1378	20	25	15420	19310	8295	10390	7.1	0.2
1982	1700	2000	10	12	14790	17400	9358	11010	11.5	0.1
1983	1300	1473	10	11	13620	15430	9148	10360	9.5	0.1
1984	1100	1201	30	33	14360	15690	9916	10830	7.7	0.3
1985	2300	2439	10	11	16070	17050	9214	9772	14.3	0.1
1986	3000	3098	30	31	15410	15910	9499	9810	19.5	0.3
1987	3200	3200	5	5	16720	16720	11370	11370	19.1	0
Indonesia										
1977	50	87	0	0	6230	10900	10850	18980	0.8	0
1978	80	130	0	0	6690	10900	11640	18970	1.2	0
1979	180	270	0	0	7202	10790	15590	23350	2.5	0
1980	340	467	0	0	10830	14870	21910	30070	3.1	0
1981	470	589	0	0	13270	16620	22260	27880	3.5	0
1982	230	271	10	12	16860	19840	22290	26230	1.4	0
1983	160	181	0	0	16530	18730	21150	23960	1.0	0
1984	110	120	0	0	13880	15160	21900	23920	0.8	0
1985	100	106	5	5	10260	10880	18590	19720	1.0	0
1986	100	103	0	0	10720	11080	14820	15310	0.9	0
1987	250	250	0	0	12890	12890	17130	17130	1.9	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Iran										
1977	2600	4547	30	52	14640	25610	24260	42430	17.8	0.1
1978	2200	3585	20	33	13550	22080	22480	36620	16.2	0.1
1979	1600	2396	0	0	9738	14580	19810	29660	16.4	0
1980	410	563	0	0	12250	16810	13230	18170	3.3	0
1981	1000	1252	0	0	12500	15650	10230	12820	8.0	0
1982	1600	1883	0	0	11950	14070	18570	21850	13.4	0
1983	925	1048	0	0	18320	20760	19380	21950	5.0	0
1984	2400	2621	0	0	15370	16790	12420	13570	15.6	0
1985	1800	1909	0	0	11630	12340	13330	14140	15.5	0
1986	2200	2272	0	0	10520	10870	7800	8056	20.9	0
1987	1500	1500	0	0	9570	9570	12300	12300	15.7	0
Iraq										
1977	1900	3323	0	0	3899	6819	9649	16880	48.7	0
1978	2400	3910	0	0	4213	6865	11060	18020	57.0	0
1979	3100	4643	0	0	7179	10750	21430	32100	43.2	0
1980	2500	3432	20	27	13940	19140	26280	36070	17.9	0.1
1981	4300	5385	0	0	20730	25970	10530	13190	20.7	0
1982	6500	7648	0	0	21530	25340	10250	12060	30.2	0
1983	7000	7931	0	0	12170	13780	9785	11090	57.5	0
1984	9300	10160	0	0	11080	12100	9220	10070	84.0	0
1985	4200	4454	0	0	10560	11200	10360	10980	39.8	0
1986	3800	3925	0	0	9302	9607	7538	7785	40.9	0
1987	5600	5600	5	5	7415	7415	9014	9014	75.5	0.1
Ireland										
1977	10	17	0	0	5396	9437	4404	7702	0.2	0
1978	5	8	0	0	7121	11600	5691	9273	0.1	0
1979	10	15	0	0	9884	14800	7143	10700	0.1	0
1980	30	41	10	14	11150	15310	8398	11530	0.3	0.1
1981	10	13	0	0	10610	13280	7677	9614	0.1	0
1982	10	12	0	0	9706	11420	8067	9492	0.1	0
1983	5	6	0	0	9170	10390	8599	9742	0.1	0
1984	10	11	0	0	9674	10570	9641	10530	0.1	0
1985	10	11	0	0	10010	10620	10360	10980	0.1	0
1986	30	31	0	0	11610	11990	12640	13050	0.3	0
1987	5	5	0	0	13600	13600	15940	15940	0	0
Israel										
1977	1100	1924	60	105	5778	10110	3082	5390	19.0	1.9
1978	900	1466	130	212	7497	12220	3921	6389	12.0	3.3
1979	480	719	260	389	8651	12960	4546	6808	5.5	5.7
1980	800	1098	140	192	9687	13300	5538	7602	8.3	2.5
1981	1200	1503	350	438	10190	12760	5670	7101	11.8	6.2
1982	925	1088	390	459	10300	12120	5255	6183	9.0	7.4
1983	500	566	190	215	9591	10870	5108	5787	5.2	3.7
1984	775	846	480	524	9800	10700	5807	6342	7.9	8.3
1985	1000	1061	525	557	10160	10780	6260	6639	9.8	8.4
1986	470	485	430	444	10740	11090	7136	7370	4.4	6.0
1987	1600	1600	360	360	14380	14380	8477	8477	11.1	4.2

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Italy										
1977	160	280	380	665	48090	84110	45300	79240	0.3	0.8
1978	150	244	800	1303	56500	92050	56090	91390	0.3	1.4
1979	110	165	700	1048	77890	116700	72230	108200	0.1	1.0
1980	120	165	775	1064	100700	138300	78100	107200	0.1	1.0
1981	100	125	1200	1503	94260	118000	77070	96520	0.1	1.6
1982	150	177	1100	1294	87330	102800	73790	86830	0.2	1.5
1983	130	147	1200	1360	79810	90420	72880	82570	0.2	1.6
1984	210	229	1100	1201	85160	93020	74560	81440	0.2	1.5
1985	230	244	1000	1061	87690	93000	76720	81360	0.3	1.3
1986	220	227	550	568	99450	102700	97610	100800	0.2	0.6
1987	170	170	210	210	125200	125200	116400	116400	0.1	0.2
Ivory Coast										
1977	10	17	0	0	1756	3071	2157	3773	0.6	0
1978	60	98	0	0	2326	3790	2322	3783	2.6	0
1979	70	105	0	0	2492	3732	2514	3765	2.8	0
1980	110	151	0	0	2967	4073	3135	4303	3.7	0
1981	80	100	0	0	2383	2984	2533	3172	3.4	0
1982	20	24	0	0	2180	2565	2299	2705	0.9	0
1983	30	34	0	0	1839	2083	2091	2369	1.6	0
1984	20	22	0	0	1497	1635	2707	2957	1.3	0
1985	20	21	0	0	1749	1855	2972	3152	1.1	0
1986	0	0	0	0	1940	2004	3170	3274	0	0
1987	0	0	0	0	1980	1980	3379	3379	0	0
Jamaica										
1977	0	0	0	0	860	1504	755	1320	0	0
1978	0	0	0	0	904	1473	833	1357	0	0
1979	0	0	0	0	994	1489	818	1225	0	0
1980	0	0	0	0	1171	1607	963	1322	0	0
1981	0	0	0	0	1473	1845	974	1220	0	0
1982	0	0	0	0	1372	1614	726	854	0	0
1983	0	0	0	0	1480	1677	713	808	0	0
1984	0	0	0	0	1130	1234	714	780	0	0
1985	10	11	0	0	1124	1192	549	582	0.9	0
1986	0	0	0	0	964	996	596	616	0	0
1987	5	5	0	0	1207	1207	649	649	0.4	0
Japan										
1977	120	210	30	52	71340	124800	81080	141800	0.2	0
1978	170	277	100	163	79920	130200	98210	160000	0.2	0.1
1979	230	344	60	90	109800	164500	102300	153200	0.2	0.1
1980	340	467	70	96	141300	194000	130400	179100	0.2	0.1
1981	650	814	210	263	142900	178900	151500	189700	0.5	0.1
1982	600	706	160	188	131500	154700	138400	162800	0.5	0.1
1983	775	878	320	363	126400	143200	147000	166500	0.6	0.2
1984	950	1038	280	306	136200	148700	169700	185300	0.7	0.2
1985	1000	1061	100	106	130500	138400	177200	187900	0.8	0.1
1986	775	800	130	134	127600	131700	210800	217700	0.6	0.1
1987	725	725	80	80	151000	151000	231300	231300	0.5	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Jordan										
1977	110	192	0	0	1381	2415	249	435	8.0	0
1978	170	277	10	16	1504	2451	298	486	11.3	3.4
1979	100	150	0	0	1963	2940	403	604	5.1	0
1980	260	357	0	0	2402	3297	574	788	10.8	0
1981	1100	1378	0	0	3165	3964	733	918	34.8	0
1982	1100	1294	0	0	3240	3812	752	885	34.0	0
1983	1100	1246	10	11	3036	3440	580	657	36.2	1.7
1984	230	251	0	0	2784	3041	752	821	8.3	0
1985	575	610	0	0	2733	2899	789	837	21.0	0
1986	260	269	0	0	2432	2512	733	757	10.7	0
1987	320	320	0	0	2710	2710	930	930	11.8	0
Kampuchea (see Cambodia)										
Kenya										
1977	40	70	0	0	1285	2247	1195	2090	3.1	0
1978	50	81	0	0	1710	2786	1023	1667	2.9	0
1979	90	135	0	0	1658	2483	1107	1658	5.4	0
1980	60	82	0	0	2587	3551	1389	1907	2.3	0
1981	160	200	0	0	2076	2600	1193	1494	7.7	0
1982	40	47	0	0	1662	1956	1045	1230	2.4	0
1983	50	57	0	0	1357	1537	979	1109	3.7	0
1984	5	5	0	0	1522	1662	1083	1183	0.3	0
1985	5	5	0	0	1462	1551	977	1036	0.3	0
1986	10	10	0	0	1650	1704	1217	1257	0.6	0
1987	10	10	0	0	1755	1755	961	961	0.6	0
Korea, North										
1977	140	245	20	35	NA	NA	NA	NA	NA	NA
1978	80	130	90	147	902	1470	967	1576	8.9	9.3
1979	210	315	90	135	1300	1947	1320	1977	16.2	6.8
1980	90	124	200	275	NA	NA	NA	NA	NA	NA
1981	200	250	575	720	1645	2060	1410	1766	12.2	40.8
1982	340	400	650	765	1600	1883	1700	2000	21.3	38.2
1983	180	204	300	340	1500	1699	1400	1586	12.0	21.4
1984	120	131	400	437	1360	1485	1600	1748	8.8	25.0
1985	360	382	360	382	1720	1824	1380	1464	20.9	26.1
1986	410	423	240	248	2000	2066	1700	1756	20.5	14.1
1987	420	420	410	410	NA	NA	NA	NA	NA	NA
Korea, South										
1977	300	525	110	192	10810	18910	10050	17570	2.8	1.1
1978	525	855	70	114	14970	24390	12710	20710	3.5	0.6
1979	525	786	180	270	20340	30460	15050	22550	2.6	1.2
1980	480	659	250	343	22290	30600	17500	24030	2.2	1.4
1981	390	488	260	326	26130	32720	21250	26620	1.5	1.2
1982	360	424	975	1147	24250	28540	21850	25710	1.5	4.5
1983	390	442	400	453	26190	29670	24440	27690	1.5	1.6
1984	430	470	525	573	30630	33460	29240	31940	1.4	1.8
1985	430	456	100	106	31140	33020	30280	32120	1.4	0.3
1986	550	568	40	41	31580	32620	34710	35850	1.7	0.1
1987	550	550	30	30	41020	41020	47280	47280	1.3	0.1

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Kuwait										
1977	310	542	0	0	4840	8465	9754	17060	6.4	0
1978	320	521	0	0	4595	7487	10430	16990	7.0	0
1979	60	90	0	0	5200	7788	18400	27560	1.2	0
1980	40	55	0	0	6529	8962	19840	27240	0.6	0
1981	120	150	5	6	6978	8739	16300	20410	1.7	0
1982	110	129	0	0	8282	9745	10960	12900	1.3	0
1983	130	147	0	0	7373	8353	11570	13110	1.8	0
1984	450	491	0	0	6896	7532	12280	13410	6.5	0
1985	410	435	0	0	5934	6293	10490	11120	6.9	0
1986	130	134	0	0	5759	5948	7383	7625	2.3	0
1987	150	150	0	0	5198	5198	7943	7943	2.9	0
Laos										
1977	80	140	0	0	14	24	4	7	571.4	0
1978	60	98	0	0	16	26	3	5	375.0	0
1979	70	105	0	0	20	30	5	7	350.0	0
1980	130	178	0	0	29	40	5	7	448.3	0
1981	60	75	0	0	21	26	2	3	285.7	0
1982	90	106	0	0	NA	NA	NA	NA	NA	NA
1983	140	159	0	0	NA	NA	NA	NA	NA	NA
1984	130	142	0	0	98	107	36	39	132.7	0
1985	100	106	0	0	NA	NA	NA	NA	NA	NA
1986	80	83	0	0	205	212	56	58	39.0	0
1987	110	110	0	0	NA	NA	NA	NA	NA	NA
Lebanon										
1977	0	0	0	0	1539	2692	691	1209	0	0
1978	20	33	0	0	1922	3132	755	1230	1.0	0
1979	20	30	0	0	2700	4044	773	1158	0.7	0
1980	40	55	0	0	3650	5010	868	1192	1.1	0
1981	50	63	0	0	3792	4749	1002	1255	1.3	0
1982	50	59	0	0	3467	4080	886	1043	1.4	0
1983	240	272	0	0	3735	4232	739	837	6.4	0
1984	240	262	0	0	2993	3269	614	671	8.0	0
1985	40	42	0	0	2151	2281	551	584	1.9	0
1986	10	10	0	0	2126	2196	588	607	0.5	0
1987	5	5	0	0	1930	1930	599	599	0.3	0
Lesotho										
1977	0	0	0	0	229	401	14	24	0	0
1978	0	0	0	0	273	444	32	52	0	0
1979	0	0	0	0	361	540	45	67	0	0
1980	0	0	0	0	464	637	58	80	0	0
1981	0	0	0	0	532	666	51	64	0	0
1982	0	0	0	0	526	619	36	42	0	0
1983	5	6	0	0	587	665	23	26	0.9	0
1984	0	0	0	0	504	550	28	31	0	0
1985	0	0	0	0	377	400	21	22	0	0
1986	0	0	0	0	343	354	25	26	0	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Liberia										
1977	0	0	0	0	464	812	447	782	0	0
1978	0	0	0	0	481	784	504	821	0	0
1979	0	0	0	0	507	759	537	804	0	0
1980	5	7	0	0	535	734	600	824	0.9	0
1981	0	0	0	0	447	560	529	662	0	0
1982	0	0	0	0	428	504	477	561	0	0
1983	10	11	0	0	412	467	428	485	2.4	0
1984	10	11	0	0	363	396	452	494	2.8	0
1985	10	11	0	0	284	301	436	462	3.5	0
1986	10	10	0	0	235	243	404	417	4.3	0
1987	10	10	0	0	308	308	382	382	3.2	0
Libya										
1977	1400	2449	20	35	3773	6599	11420	19980	37.1	0.2
1978	2300	3748	10	16	4603	7500	10210	16630	50.0	0.1
1979	2900	4343	90	135	5311	7954	16080	24090	54.6	0.6
1980	2600	3569	20	27	6777	9303	21920	30090	38.4	0.1
1981	3200	4007	60	75	8382	10500	15580	19510	38.2	0.4
1982	3100	3648	290	341	7175	8443	13950	16420	43.2	2.1
1983	2200	2492	80	91	7467	8460	11090	12560	29.5	0.7
1984	2100	2294	30	33	6800	7427	11140	12170	30.9	0.3
1985	1600	1697	90	95	5422	5750	10930	11590	29.5	0.8
1986	1200	1239	70	72	4511	4659	NA	NA	26.6	NA
1987	625	625	30	30	4877	4877	NA	NA	12.8	NA
Luxembourg										
1977	0	0	0	0	2281	3989	3028	5296	0	0
1978	0	0	0	0	2833	4616	3653	5952	0	0
1979	0	0	0	0	3110	4658	2926	4382	0	0
1980	0	0	0	0	3612	4958	3005	4125	0	0
1981	0	0	0	0	2998	3754	2385	2987	0	0
1982	0	0	0	0	2728	3210	2230	2624	0	0
1983	10	11	0	0	2664	3018	2180	2470	0.4	0
1984	5	5	0	0	2662	2907	2257	2465	0.2	0
1985	0	0	0	0	3100	3288	2810	2980	0	0
1986	5	5	0	0	NA	NA	NA	NA	NA	NA
1987	10	10	0	0	NA	NA	NA	NA	NA	NA
Madagascar										
1977	10	17	0	0	347	607	338	591	2.9	0
1978	20	33	0	0	443	722	388	632	4.5	0
1979	20	30	0	0	641	960	394	590	3.1	0
1980	50	69	0	0	600	824	401	550	8.3	0
1981	50	63	0	0	545	683	317	397	9.2	0
1982	30	35	0	0	417	491	311	366	7.2	0
1983	40	45	0	0	387	438	264	299	10.3	0
1984	10	11	0	0	366	400	332	363	2.7	0
1985	30	32	0	0	402	426	274	291	7.5	0
1986	20	21	0	0	331	342	314	324	6.0	0
1987	30	30	0	0	NA	NA	331	331	NA	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Malawi										
1977	0	0	0	0	235	411	200	350	0	0
1978	5	8	0	0	338	551	185	301	1.5	0
1979	20	30	0	0	399	598	223	334	5.0	0
1980	10	14	0	0	439	603	285	391	2.3	0
1981	0	0	0	0	359	450	269	337	0	0
1982	0	0	0	0	304	358	235	277	0	0
1983	0	0	0	0	311	352	244	276	0	0
1984	5	5	0	0	271	296	311	340	1.8	0
1985	5	5	0	0	285	302	228	242	1.8	0
1986	5	5	0	0	260	269	220	227	1.9	0
1987	0	0	0	0	296	296	277	277	0	0
Malaysia										
1977	100	175	0	0	4542	7944	6079	10630	2.2	0
1978	80	130	0	0	5909	9628	7404	12060	1.4	0
1979	180	270	0	0	7849	11760	11080	16590	2.3	0
1980	160	220	30	41	10780	14800	12940	17770	1.5	0.2
1981	90	113	0	0	11550	14460	11770	14740	0.8	0
1982	100	118	10	12	12420	14610	12030	14160	0.8	0.1
1983	270	306	0	0	13260	15030	14100	15980	2.0	0
1984	420	459	0	0	14050	15350	16480	18000	3.0	0
1985	470	498	0	0	12300	13050	15440	16380	3.8	0
1986	60	62	0	0	10830	11180	13870	14330	0.6	0
1987	60	60	0	0	12700	12700	17940	17940	0.5	0
Mali										
1977	30	52	0	0	160	280	125	219	18.8	0
1978	50	81	0	0	203	331	102	166	24.6	0
1979	10	15	0	0	361	541	148	222	2.8	0
1980	10	14	0	0	439	603	205	281	2.3	0
1981	20	25	0	0	365	457	155	194	5.5	0
1982	10	12	0	0	332	391	146	172	3.0	0
1983	5	6	0	0	353	400	165	187	1.4	0
1984	70	76	0	0	368	402	205	224	19.0	0
1985	40	42	0	0	469	497	176	187	8.5	0
1986	0	0	0	0	496	512	206	213	0	0
1987	40	40	0	0	493	493	260	260	8.1	0
Malta										
1977	0	0	0	0	516	902	289	505	0	0
1978	5	8	0	0	575	937	342	557	0.9	0
1979	0	0	0	0	759	1137	424	635	0	0
1980	0	0	0	0	938	1288	483	663	0	0
1981	0	0	0	0	860	1077	449	562	0	0
1982	0	0	0	0	789	928	411	484	0	0
1983	0	0	0	0	733	830	363	411	0	0
1984	0	0	0	0	717	783	394	430	0	0
1985	0	0	0	0	759	805	400	424	0	0
1986	0	0	0	0	887	916	497	513	0	0
1987	0	0	0	0	1139	1139	605	605	0	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Mauritania										
1977	30	52	0	0	207	362	157	275	14.5	0
1978	30	49	0	0	181	295	123	200	16.6	0
1979	10	15	0	0	266	398	147	220	3.8	0
1980	0	0	0	0	286	393	194	266	0	0
1981	5	6	0	0	265	332	261	327	1.9	0
1982	10	12	0	0	269	317	233	274	3.7	0
1983	10	11	0	0	227	257	291	330	4.4	0
1984	20	22	0	0	208	227	291	318	9.6	0
1985	0	0	0	0	236	250	374	397	0	0
1986	0	0	0	0	213	220	349	360	0	0
1987	0	0	0	0	382	382	428	428	0	0
Mauritius										
1977	0	0	0	0	447	782	310	542	0	0
1978	0	0	0	0	500	815	324	528	0	0
1979	0	0	0	0	574	860	381	571	0	0
1980	5	7	0	0	614	843	435	597	0.8	0
1981	0	0	0	0	563	705	332	416	0	0
1982	0	0	0	0	465	547	366	431	0	0
1983	0	0	0	0	442	501	366	415	0	0
1984	0	0	0	0	471	514	372	406	0	0
1985	0	0	0	0	529	561	440	467	0	0
1986	0	0	0	0	684	706	676	698	0	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA
Mexico										
1977	10	17	0	0	5883	10290	4518	7902	0.2	0
1978	10	16	0	0	7555	12310	5958	9708	0.1	0
1979	10	15	0	0	12090	18100	8982	13450	0.1	0
1980	20	27	0	0	19460	26710	15570	21370	0.1	0
1981	50	63	0	0	24070	30140	19650	24600	0.2	0
1982	200	235	0	0	15130	17800	21210	24960	1.3	0
1983	40	45	0	0	8023	9090	21820	24720	0.5	0
1984	20	22	0	0	11790	12870	24410	26660	0.2	0
1985	30	32	0	0	13990	14840	22110	23450	0.2	0
1986	100	103	0	0	12030	12430	16240	16770	0.8	0
1987	240	240	0	0	12730	12730	20890	20890	1.9	0
Mongolia										
1977	30	52	0	0	NA	NA	NA	NA	NA	NA
1978	70	114	0	0	NA	NA	NA	NA	NA	NA
1979	80	120	0	0	NA	NA	NA	NA	NA	NA
1980	150	206	0	0	NA	NA	NA	NA	NA	NA
1981	150	188	0	0	NA	NA	NA	NA	NA	NA
1982	280	329	0	0	NA	NA	NA	NA	NA	NA
1983	40	45	0	0	NA	NA	NA	NA	NA	NA
1984	40	44	0	0	NA	NA	NA	NA	NA	NA
1985	5	5	0	0	NA	NA	NA	NA	NA	NA
1986	10	10	0	0	NA	NA	NA	NA	NA	NA
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Morocco										
1977	300	525	5	9	3199	5595	1302	2277	9.4	0.4
1978	440	717	0	0	2970	4839	1508	2457	14.8	0
1979	470	704	0	0	3678	5508	1959	2934	12.8	0
1980	350	480	5	7	4255	5841	2441	3351	8.2	0.2
1981	340	426	0	0	4400	5510	2386	2988	7.7	0
1982	270	318	0	0	4315	5077	2062	2426	6.3	0
1983	320	363	0	0	3592	4070	2006	2273	8.9	0
1984	200	218	0	0	3911	4272	2171	2371	5.1	0
1985	110	117	0	0	3850	4083	2165	2296	2.9	0
1986	80	83	0	0	3803	3928	2454	2534	2.1	0
1987	130	130	0	0	4229	4229	2807	2807	3.1	0
Mozambique										
1977	30	52	0	0	328	574	149	261	9.1	0
1978	150	244	0	0	521	849	162	264	28.8	0
1979	100	150	0	0	571	856	255	382	17.5	0
1980	170	233	0	0	800	1098	281	386	21.3	0
1981	110	138	0	0	801	1003	281	352	13.7	0
1982	150	177	0	0	837	984	229	269	17.9	0
1983	400	453	5	6	636	721	132	150	62.9	3.8
1984	360	393	0	0	540	590	96	105	66.7	0
1985	270	286	0	0	NA	NA	NA	NA	NA	NA
1986	170	176	0	0	480	496	80	83	35.4	0
1987	120	120	0	0	NA	NA	NA	NA	NA	NA
Nepal										
1977	0	0	0	0	168	294	81	142	0	0
1978	0	0	0	0	221	360	91	148	0	0
1979	0	0	0	0	254	380	109	163	0	0
1980	0	0	0	0	342	469	80	110	0	0
1981	0	0	0	0	369	462	140	175	0	0
1982	5	6	0	0	395	465	88	104	1.3	0
1983	5	6	0	0	464	526	94	106	1.1	0
1984	0	0	0	0	416	454	128	140	0	0
1985	0	0	0	0	453	480	160	170	0	0
1986	0	0	0	0	459	474	142	147	0	0
1987	0	0	0	0	533	533	157	157	0	0
Netherlands										
1977	160	280	60	105	45900	80280	43700	76430	0.3	0.1
1978	170	277	80	130	53830	87700	50120	81670	0.3	0.2
1979	260	389	130	195	68190	102100	63700	95410	0.4	0.2
1980	450	618	190	261	78040	107100	73960	101500	0.6	0.3
1981	370	463	290	363	67230	84190	68710	86050	0.6	0.4
1982	525	618	250	294	63770	75030	66280	77990	0.8	0.4
1983	675	765	120	136	61650	69850	64680	73280	1.1	0.2
1984	525	573	180	197	62290	68040	65680	71730	0.8	0.3
1985	500	530	80	85	65200	69150	68260	72390	0.8	0.1
1986	490	506	20	21	75580	78050	80510	83150	0.6	0
1987	550	550	180	180	91310	91310	92400	92400	0.6	0.2

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
New Zealand										
1977	20	35	0	0	3361	5878	3196	5590	0.6	0
1978	10	16	0	0	3491	5688	3738	6091	0.3	0
1979	10	15	0	0	4553	6819	4706	7048	0.2	0
1980	10	14	0	0	5472	7511	5421	7441	0.2	0
1981	10	13	0	0	5734	7181	5622	7040	0.2	0
1982	20	24	5	6	5782	6804	5571	6555	0.3	0.1
1983	40	45	0	0	5333	6042	5414	6134	0.8	0
1984	60	66	0	0	6203	6775	5518	6027	1.0	0
1985	80	85	0	0	5992	6355	5720	6066	1.3	0
1986	40	41	0	0	6063	6262	5880	6073	0.7	0
1987	30	30	0	0	7276	7276	7195	7195	0.4	0
Nicaragua										
									c	
1977	10	17	0	0	762	1333	637	1114	1.3	0
1978	10	16	0	0	596	971	646	1053	1.7	0
1979	5	7	0	0	360	539	567	849	1.4	0
1980	10	14	0	0	887	1218	451	619	1.1	0
1981	160	200	0	0	999	1251	508	636	16.0	0
1982	150	177	0	0	776	913	406	478	19.3	0
1983	280	317	0	0	807	914	429	486	34.7	0
1984	350	382	0	0	826	902	386	422	42.4	0
1985	270	286	0	0	892	946	302	320	30.3	0
1986	575	594	0	0	770	795	247	255	74.7	0
1987	500	500	0	0	923	923	300	300	54.2	0
Niger										
1977	5	9	0	0	197	345	161	282	2.5	0
1978	5	8	0	0	305	497	282	459	1.6	0
1979	20	30	0	0	461	690	448	671	4.3	0
1980	5	7	0	0	594	815	566	777	0.8	0
1981	10	13	0	0	510	639	455	570	2.0	0
1982	5	6	0	0	466	548	342	402	1.1	0
1983	0	0	0	0	324	367	299	339	0	0
1984	0	0	0	0	285	311	273	298	0	0
1985	0	0	0	0	345	366	209	222	0	0
1986	10	10	0	0	NA	NA	NA	NA	NA	NA
1987	10	10	0	0	NA	NA	NA	NA	NA	NA
Nigeria										
1977	10	17	5	9	11090	19400	11840	20700	0.1	0
1978	50	81	0	0	12820	20890	9960	16230	0.4	0
1979	110	165	0	0	10230	15320	17210	25780	1.1	0
1980	80	110	0	0	16470	22610	25970	35650	0.5	0
1981	440	551	0	0	20880	26140	17860	22370	2.1	0
1982	260	306	0	0	16060	18900	12930	15210	1.6	0
1983	270	306	0	0	12250	13880	10360	11730	2.2	0
1984	525	573	0	0	9364	10230	11860	12950	5.6	0
1985	320	339	0	0	8877	9415	12550	13310	3.6	0
1986	330	341	5	5	NA	NA	NA	NA	NA	NA
1987	60	60	0	0	7816	7816	7365	7365	0.8	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Norway										
1977	60	105	20	35	12880	22530	8880	15530	0.5	0.2
1978	70	114	30	49	11500	18730	10880	17730	0.6	0.3
1979	40	60	60	90	13710	20530	13550	20290	0.3	0.4
1980	230	316	80	110	16930	23230	18540	25450	1.4	0.4
1981	230	288	40	50	15650	19600	18220	22810	1.5	0.2
1982	290	341	20	24	15480	18210	17590	20700	1.9	0.1
1983	260	295	40	45	13500	15290	17980	20370	1.9	0.2
1984	250	273	10	11	13880	15170	18890	20630	1.8	0.1
1985	170	180	20	21	15560	16500	19980	21200	1.1	0.1
1986	180	186	10	10	20300	20970	18090	18680	0.9	0.1
1987	200	200	5	5	22640	22640	21490	21490	0.9	0
Oman										
1977	50	87	0	0	875	1530	1573	2751	5.7	0
1978	270	440	0	0	947	1543	1512	2464	28.5	0
1979	30	45	0	0	1246	1866	2166	3244	2.4	0
1980	100	137	0	0	1732	2378	3295	4523	5.8	0
1981	60	75	0	0	2288	2865	4422	5538	2.6	0
1982	130	153	0	0	2682	3156	4121	4849	4.8	0
1983	350	397	0	0	2492	2823	4238	4801	14.0	0
1984	310	339	0	0	2748	3001	3945	4309	11.3	0
1985	100	106	0	0	3153	3344	4725	5011	3.2	0
1986	10	10	5	5	2402	2481	2516	2598	0.4	0.2
1987	30	30	0	0	1822	1822	3433	3433	1.6	0
Pakistan										
1977	230	402	5	9	2446	4278	1188	2078	9.4	0.4
1978	210	342	30	49	3285	5352	1475	2403	6.4	2.0
1979	240	359	10	15	4056	6075	2056	3079	5.9	0.5
1980	420	577	10	14	5350	7344	2618	3594	7.9	0.4
1981	300	376	40	50	5631	7052	2883	3610	5.3	1.4
1982	480	565	20	24	5465	6431	2397	2821	8.8	0.8
1983	370	419	300	340	5329	6037	3077	3486	6.9	9.7
1984	575	628	300	328	5853	6393	2558	2794	9.8	11.7
1985	470	498	30	32	5890	6247	2740	2906	8.0	1.1
1986	370	382	0	0	5374	5550	3384	3495	6.9	0
1987	150	150	5	5	5822	5822	4172	4172	2.6	0.1
Panama										
1977	5	9	0	0	861	1506	251	439	0.6	0
1978	0	0	0	0	942	1535	256	417	0	0
1979	0	0	0	0	1184	1773	303	454	0	0
1980	30	41	0	0	1449	1989	360	494	2.1	0
1981	5	6	0	0	1540	1929	328	411	0.3	0
1982	10	12	0	0	1569	1846	375	441	0.6	0
1983	0	0	0	0	1412	1600	321	364	0	0
1984	10	11	0	0	1423	1554	276	301	0.7	0
1985	10	11	0	0	1392	1476	335	355	0.7	0
1986	10	10	0	0	1229	1269	341	352	0.8	0
1987	5	5	0	0	1270	1270	357	357	0.4	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Papua New Guinea										
1977	20	35	0	0	642	1123	683	1195	3.1	0
1978	10	16	0	0	770	1255	714	1163	1.3	0
1979	10	15	0	0	903	1352	883	1322	1.1	0
1980	30	41	0	0	1176	1614	1128	1548	2.6	0
1981	20	25	0	0	1261	1579	838	1049	1.6	0
1982	0	0	0	0	1170	1377	771	907	0	0
1983	0	0	0	0	1120	1269	819	928	0	0
1984	30	33	0	0	1110	1212	892	974	2.7	0
1985	10	11	0	0	1008	1069	912	967	1.0	0
1986	0	0	0	0	1068	1103	1033	1067	0	0
1987	0	0	0	0	NA	NA	1141	1141	NA	0
Paraguay										
1977	0	0	0	0	308	539	279	488	0	0
1978	10	16	0	0	383	624	257	419	2.6	0
1979	10	15	0	0	521	780	305	457	1.9	0
1980	40	55	0	0	615	844	310	426	6.5	0
1981	5	6	0	0	600	751	296	371	0.8	0
1982	0	0	0	0	672	791	330	388	0	0
1983	0	0	0	0	546	619	269	305	0	0
1984	20	22	0	0	586	640	335	366	3.4	0
1985	10	11	0	0	502	532	304	322	2.0	0
1986	10	10	0	0	577	596	234	242	1.7	0
1987	0	0	0	0	595	595	353	353	0	0
Peru										
1977	460	805	0	0	1911	3342	1726	3019	24.1	0
1978	370	603	0	0	1959	3192	1941	3163	18.9	0
1979	90	135	0	0	1820	2726	3491	5228	4.9	0
1980	280	384	0	0	2500	3432	3898	5351	11.2	0
1981	300	376	0	0	4258	5332	3802	4761	7.0	0
1982	240	282	60	71	4168	4904	3721	4378	5.8	1.6
1983	230	261	0	0	3049	3454	2722	3084	7.5	0
1984	140	153	0	0	2212	2416	3147	3437	6.3	0
1985	80	85	0	0	2023	2146	2979	3159	4.0	0
1986	170	176	0	0	2909	3004	2531	2614	5.8	0
1987	430	430	0	0	3435	3435	2605	2605	12.5	0
Philippines										
1977	50	87	0	0	4270	7468	3127	5469	1.2	0
1978	60	98	0	0	5144	8382	3401	5542	1.2	0
1979	50	75	0	0	6612	9903	4567	6840	0.8	0
1980	60	82	0	0	8295	11390	5741	7881	0.7	0
1981	60	75	0	0	8479	10620	5655	7082	0.7	0
1982	60	71	0	0	8263	9723	4968	5846	0.7	0
1983	30	34	20	23	7976	9036	4890	5540	0.4	0.4
1984	40	44	10	11	6432	7025	5274	5760	0.6	0.2
1985	30	32	10	11	5459	5790	4607	4886	0.5	0.2
1986	40	41	10	10	5394	5571	4770	4926	0.7	0.2
1987	40	40	0	0	7144	7144	5649	5649	0.6	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Poland										
1977	370	647	500	874	14770	25830	14530	25410	2.5	3.4
1978	180	293	650	1059	16490	26870	14490	23610	1.1	4.5
1979	200	300	550	824	18160	27200	16860	25250	1.1	3.3
1980	370	508	850	1167	19700	27040	17540	24080	1.9	4.8
1981	750	939	1000	1252	15980	20010	13640	17090	4.7	7.3
1982	900	1059	900	1059	14610	17190	15260	17960	6.2	5.9
1983	875	991	1100	1246	15750	17850	16430	18610	5.6	6.7
1984	470	513	1100	1201	16540	18070	17270	18860	2.8	6.4
1985	1000	1061	1200	1273	17420	18470	17710	18780	5.7	6.8
1986	1200	1239	1400	1446	21160	21850	21700	22410	5.7	6.5
1987	725	725	800	800	11210	11210	12200	12200	6.5	6.6
Portugal										
1977	10	17	60	105	4744	8297	1970	3445	0.2	3.0
1978	50	81	70	114	5237	8533	2414	3933	1.0	2.9
1979	20	30	20	30	6534	9786	3479	5210	0.3	0.6
1980	50	69	50	69	9309	12780	4640	6369	0.5	1.1
1981	50	63	30	38	9800	12270	4148	5195	0.5	0.7
1982	90	106	110	129	9572	11260	4164	4900	0.9	2.6
1983	50	57	60	68	8240	9335	4599	5210	0.6	1.3
1984	40	44	110	120	7961	8695	5201	5681	0.5	2.1
1985	210	223	210	223	7652	8115	5685	6029	2.7	3.7
1986	30	31	220	227	9650	9966	7242	7479	0.3	3.0
1987	20	20	50	50	13420	13420	9163	9163	0.1	0.5
Qatar										
1977	40	70	0	0	1225	2142	2012	3519	3.3	0
1978	20	33	0	0	1185	1931	2320	3780	1.7	0
1979	20	30	0	0	1424	2133	3744	5607	1.4	0
1980	90	124	0	0	1423	1953	5672	7786	6.3	0
1981	150	188	0	0	1518	1901	5699	7137	9.9	0
1982	270	318	0	0	1947	2291	4252	5003	13.9	0
1983	240	272	0	0	1456	1650	3338	3782	16.5	0
1984	200	218	0	0	1162	1269	4513	4929	17.2	0
1985	40	42	0	0	1139	1208	3542	3757	3.5	0
1986	80	83	0	0	1099	1135	2326	2402	7.3	0
1987	0	0	0	0	1576	1576	NA	NA	0	NA
Romania										
1977	160	280	40	70	7060	12350	7064	12350	2.3	0.6
1978	260	424	70	114	8926	14540	8093	13190	2.9	0.9
1979	170	255	80	120	11170	16730	9949	14900	1.5	0.8
1980	410	563	90	124	12810	17590	11210	15390	3.2	0.8
1981	130	163	450	564	12460	15600	12610	15790	1.0	3.6
1982	30	35	850	1000	9745	11470	11560	13600	0.3	7.4
1983	70	79	360	408	9643	10920	11510	13040	0.7	3.1
1984	130	142	320	350	10330	11290	12650	13810	1.3	2.5
1985	40	42	420	445	10430	11060	12170	12900	0.4	3.5
1986	500	516	300	310	10600	10950	12500	12910	4.7	2.4
1987	110	110	190	190	10600	10600	NA	NA	1.0	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Rwanda										
1977	0	0	0	0	123	215	92	161	0	0
1978	10	16	0	0	188	306	72	117	5.3	0
1979	5	7	0	0	192	288	118	177	2.6	0
1980	20	27	0	0	243	334	112	154	8.2	0
1981	0	0	0	0	283	354	110	138	0	0
1982	0	0	0	0	276	325	103	121	0	0
1983	0	0	0	0	269	305	121	137	0	0
1984	5	5	0	0	278	304	144	157	1.8	0
1985	0	0	0	0	298	316	131	139	0	0
1986	0	0	0	0	348	359	189	195	0	0
1987	0	0	0	0	352	352	113	113	0	0
Sao Tome and Principe										
1977	0	0	0	0	14	24	23	40	0	0
1978	0	0	0	0	18	29	21	34	0	0
1979	0	0	0	0	20	30	27	40	0	0
1980	5	7	0	0	19	26	17	23	26.3	0
1981	0	0	0	0	17	21	9	11	0	0
1982	0	0	0	0	NA	NA	NA	NA	NA	NA
1983	10	11	0	0	NA	NA	NA	NA	NA	NA
1984	0	0	0	0	NA	NA	NA	NA	NA	NA
1985	0	0	0	0	NA	NA	NA	NA	NA	NA
1986	20	21	0	0	3	3	10	10	769.2	0
1987	5	5	0	0	NA	NA	NA	NA	NA	NA
Saudi Arabia										
1977	1300	2274	10	17	14660	25630	41120	71930	8.9	0
1978	1500	2444	20	33	20350	33160	37840	61660	7.4	0.1
1979	1300	1947	90	135	24260	36330	57510	86140	5.4	0.2
1980	1800	2471	0	0	30170	41410	102300	140400	6.0	0
1981	2900	3632	550	689	35270	44170	119900	150100	8.2	0.5
1982	3100	3648	0	0	40640	47830	79080	93050	7.6	0
1983	3900	4418	0	0	39200	44410	45860	51960	9.9	0
1984	3100	3386	40	44	33700	36800	37540	41010	9.2	0.1
1985	3800	4030	10	11	23620	25050	27480	29150	16.1	0
1986	3800	3925	20	21	19110	19740	20080	20740	19.9	0.1
1987	3800	3800	20	20	24340	24340	26970	26970	15.6	0.1
Senegal										
1977	10	17	0	0	789	1380	616	1077	1.3	0
1978	20	33	0	0	755	1230	449	732	2.6	0
1979	20	30	0	0	931	1394	535	801	2.1	0
1980	10	14	0	0	1052	1444	477	655	1.0	0
1981	20	25	0	0	1076	1347	500	626	1.9	0
1982	5	6	0	0	992	1167	548	645	0.5	0
1983	5	6	0	0	1025	1161	618	700	0.5	0
1984	0	0	0	0	1072	1171	634	692	0	0
1985	5	5	0	0	826	876	498	528	0.6	0
1986	5	5	0	0	852	880	584	603	0.6	0
1987	5	5	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Sierra Leone										
1977	0	0	0	0	181	317	123	215	0	0
1978	0	0	0	0	279	455	167	272	0	0
1979	0	0	0	0	316	473	194	291	0	0
1980	5	7	0	0	427	586	207	284	1.2	0
1981	0	0	0	0	328	411	135	169	0	0
1982	0	0	0	0	298	351	111	131	0	0
1983	5	6	0	0	160	181	122	138	3.1	0
1984	0	0	0	0	167	182	133	145	0	0
1985	0	0	0	0	151	160	130	138	0	0
1986	0	0	0	0	132	136	143	148	0	0
1987	0	0	0	0	137	137	129	129	0	0
Singapore										
1977	50	87	10	17	10470	18310	8241	14410	0.5	0.1
1978	30	49	20	33	13050	21260	10130	16510	0.2	0.2
1979	90	135	20	30	17630	26410	14230	21320	0.5	0.1
1980	40	55	0	0	24000	32950	19370	26600	0.2	0
1981	90	113	40	50	27570	34530	20970	26260	0.3	0.2
1982	50	59	10	12	28170	33140	20790	24460	0.2	0
1983	210	238	20	23	28160	31900	21830	24740	0.7	0.1
1984	160	175	20	22	28670	31310	24070	26290	0.6	0.1
1985	110	117	20	21	26280	27880	22810	24190	0.4	0.1
1986	250	258	30	31	25510	26350	22490	23230	1.0	0.1
1987	180	180	10	10	32560	32560	28690	28690	0.6	0
Somalia										
1977	120	210	0	0	228	399	63	110	^c 52.6	0
1978	240	391	0	0	244	398	107	174	98.4	0
1979	130	195	0	0	246	368	112	168	52.8	0
1980	200	275	0	0	348	478	133	183	57.5	0
1981	60	75	0	0	512	641	153	192	11.7	0
1982	130	153	0	0	264	311	202	238	49.2	0
1983	70	79	0	0	346	392	107	121	20.2	0
1984	70	76	0	0	103	112	44	48	68.0	0
1985	30	32	0	0	112	119	91	97	26.8	0
1986	20	21	0	0	363	375	99	102	5.5	0
1987	20	20	0	0	NA	NA	NA	NA	NA	NA
South Africa										
1977	130	227	110	192	6270	10970	9987	17470	2.1	1.1
1978	120	196	5	8	7615	12410	12870	20980	1.6	0
1979	20	30	60	90	8989	13460	18400	27550	0.2	0.3
1980	0	0	0	0	19250	26420	25680	35250	0	0
1981	5	6	20	25	22620	28330	20860	26120	0	0.1
1982	10	12	20	24	18570	21860	17730	20860	0.1	0.1
1983	20	23	0	0	15700	17790	18610	21080	0.1	0
1984	10	11	10	11	16230	17730	17350	18950	0.1	0.1
1985	10	11	50	53	11470	12160	16520	17520	0.1	0.3
1986	0	0	20	21	12990	13410	18450	19060	0	0.1
1987	0	0	80	80	15330	15330	20920	20920	0	0.4

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Soviet Union										
1977	825	1443	8600	15040	40930	71580	45230	79100	2.0	19.0
1978	1100	1792	10900	17760	50800	82770	52430	85440	2.2	20.8
1979	1000	1498	16000	23960	57970	86810	64910	97220	1.7	24.6
1980	1300	1785	16200	22240	68470	93990	76440	104900	1.9	21.2
1981	1000	1252	16300	20410	73190	91660	79380	99410	1.4	20.5
1982	775	912	19100	22470	77850	91600	87170	102600	1.0	21.9
1983	1300	1473	19300	21870	80440	91140	91650	103800	1.6	21.1
1984	1200	1311	19400	21190	80410	87820	91490	99930	1.5	21.2
1985	1100	1167	17400	18450	83310	88360	87200	92480	1.3	20.0
1986	1100	1136	19100	19730	88870	91790	97050	100200	1.2	19.7
1987	625	625	21200	21200	95970	95970	107700	107700	0.7	19.7
Spain										
1977	260	455	20	35	17840	31190	10220	17880	1.5	0.2
1978	140	228	60	98	18710	30490	13110	21370	0.7	0.5
1979	210	315	60	90	25440	38100	18210	27270	0.8	0.3
1980	250	343	60	82	34080	46780	20720	28440	0.7	0.3
1981	410	513	100	125	32150	40260	20330	25460	1.3	0.5
1982	390	459	575	677	31460	37020	20500	24120	1.2	2.8
1983	250	283	350	397	29190	33070	19730	22360	0.9	1.8
1984	140	153	1000	1092	28830	31490	23560	25740	0.5	4.2
1985	120	127	500	530	29960	31780	24250	25720	0.4	2.1
1986	300	310	140	145	35060	36210	27210	28100	0.9	0.5
1987	875	875	100	100	49110	49110	34190	34190	1.8	0.3
Sri Lanka										
1977	0	0	0	0	700	1224	761	1331	0	0
1978	0	0	0	0	969	1579	845	1377	0	0
1979	10	15	0	0	1466	2196	981	1469	0.7	0
1980	10	14	0	0	2037	2796	1062	1458	0.5	0
1981	0	0	0	0	1849	2316	1088	1363	0	0
1982	0	0	0	0	1831	2155	1031	1213	0	0
1983	0	0	0	0	1820	2062	1063	1204	0	0
1984	10	11	0	0	1867	2039	1467	1602	0.5	0
1985	30	32	0	0	1843	1955	1333	1414	1.6	0
1986	5	5	0	0	1857	1918	1215	1255	0.3	0
1987	40	40	0	0	2058	2058	1393	1393	1.9	0
Sudan										
1977	100	175	0	0	1081	1891	661	1156	9.3	0
1978	120	196	0	0	1194	1945	518	844	10.1	0
1979	100	150	0	0	1109	1661	535	801	9.0	0
1980	100	137	0	0	1576	2163	543	745	6.3	0
1981	150	188	5	6	1553	1945	657	823	9.7	0.8
1982	240	282	0	0	1282	1509	498	586	18.7	0
1983	100	113	0	0	1354	1534	624	707	7.4	0
1984	110	120	0	0	1147	1253	629	687	9.6	0
1985	40	42	0	0	771	818	374	397	5.2	0
1986	50	52	5	5	961	992	333	344	5.2	1.5
1987	50	50	0	0	NA	NA	NA	NA	NA	NA

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Suriname										
1977	0	0	0	0	398	696	310	542	0	0
1978	0	0	0	0	406	662	369	601	0	0
1979	0	0	0	0	411	616	444	665	0	0
1980	5	7	0	0	504	692	514	706	1.0	0
1981	0	0	0	0	568	711	474	594	0	0
1982	10	12	0	0	511	601	403	474	2.0	0
1983	0	0	0	0	453	513	367	416	0	0
1984	20	22	0	0	389	425	357	390	5.1	0
1985	0	0	0	0	329	349	329	349	0	0
1986	10	10	0	0	317	327	329	340	3.2	0
1987	5	5	0	0	NA	NA	NA	NA	NA	NA
Swaziland										
1977	0	0	0	0	182	318	165	289	0	0
1978	0	0	0	0	311	507	196	319	0	0
1979	0	0	0	0	435	651	231	346	0	0
1980	0	0	0	0	538	739	369	507	0	0
1981	0	0	0	0	506	634	391	490	0	0
1982	0	0	0	0	440	518	325	382	0	0
1983	0	0	0	0	464	526	304	344	0	0
1984	0	0	0	0	381	416	237	259	0	0
1985	0	0	0	0	281	298	176	187	0	0
1986	0	0	0	0	304	314	267	276	0	0
1987	0	0	0	0	365	365	311	311	0	0
Sweden										
1977	60	105	50	87	20140	35220	19080	33370	0.3	0.3
1978	60	98	110	179	20590	33550	21790	35500	0.3	0.5
1979	70	105	120	180	28740	43040	27600	41340	0.2	0.4
1980	140	192	120	165	33440	45900	30910	42420	0.4	0.4
1981	110	138	170	213	28840	36120	28660	35890	0.4	0.6
1982	80	94	260	306	27580	32460	26810	31540	0.3	1.0
1983	100	113	60	68	26100	29570	27450	31090	0.4	0.2
1984	100	109	110	120	26430	28860	29380	32090	0.4	0.4
1985	80	85	260	276	28550	30280	30460	32310	0.3	0.9
1986	80	83	290	300	32690	33760	37260	38480	0.2	0.8
1987	60	60	160	160	40710	40710	44510	44510	0.1	0.4
Switzerland										
1977	70	122	490	857	17940	31380	17610	30810	0.4	2.8
1978	80	130	480	782	23800	38790	23560	38390	0.3	2.0
1979	260	389	480	719	29360	43970	26540	39750	0.9	1.8
1980	40	55	675	927	36340	49890	29630	40680	0.1	2.3
1981	130	163	340	426	30680	38420	27050	33870	0.4	1.3
1982	110	129	390	459	28680	33740	26020	30620	0.4	1.5
1983	360	408	430	487	29190	33070	25590	28990	1.2	1.7
1984	490	535	320	350	29520	32240	25850	28230	1.7	1.2
1985	440	467	210	223	30700	32560	27450	29110	1.4	0.8
1986	340	351	190	196	41040	42380	37470	38700	0.8	0.5
1987	850	850	180	180	50650	50650	45510	45510	1.7	0.4

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Syria										C
1977	825	1443	0	0	2674	4677	1070	1871	30.9	0
1978	1200	1955	0	0	2461	4010	1060	1727	48.8	0
1979	1600	2396	0	0	3329	4986	1644	2462	48.1	0
1980	3200	4393	10	14	4118	5653	2108	2894	77.7	0.5
1981	2600	3256	0	0	5040	6312	2103	2634	51.6	0
1982	2600	3059	120	141	4014	4723	2026	2384	64.8	5.9
1983	3500	3965	30	34	4542	5146	1923	2179	77.1	1.6
1984	2200	2403	10	11	4116	4496	1853	2024	53.4	0.5
1985	1600	1697	0	0	3967	4207	1640	1739	40.3	0
1986	1200	1239	20	21	2703	2792	1325	1368	44.4	1.5
1987	1900	1900	0	0	7112	7112	3870	3870	26.7	0
Tanzania										
1977	60	105	0	0	744	1301	507	887	8.1	0
1978	90	147	0	0	1144	1864	476	776	7.9	0
1979	270	404	0	0	1105	1655	497	744	24.4	0
1980	80	110	0	0	1252	1719	511	701	6.4	0
1981	50	63	0	0	1214	1520	580	726	4.1	0
1982	70	82	0	0	1134	1334	458	539	6.2	0
1983	40	45	0	0	802	909	372	421	5.0	0
1984	50	55	0	0	680	743	340	371	7.4	0
1985	50	53	0	0	1017	1079	255	270	4.9	0
1986	30	31	0	0	868	896	343	354	3.5	0
1987	110	110	0	0	923	923	288	288	11.9	0
Thailand										
1977	110	192	0	0	4616	8073	3490	6104	2.4	0
1978	120	196	0	0	5356	8727	4085	6656	2.2	0
1979	140	210	0	0	7158	10720	5298	7935	2.0	0
1980	350	480	0	0	9214	12650	6505	8929	3.8	0
1981	330	413	0	0	9955	12470	7031	8805	3.3	0
1982	180	212	5	6	8549	10060	6945	8172	2.1	0.1
1983	330	374	0	0	10290	11650	6368	7215	3.2	0
1984	240	262	0	0	10400	11360	7413	8097	2.3	0
1985	140	148	0	0	9242	9802	7121	7552	1.5	0
1986	120	124	0	0	9178	9479	8794	9082	1.3	0
1987	350	350	0	0	12960	12960	11730	11730	2.7	0
Togo										
1977	10	17	0	0	284	497	159	278	3.5	0
1978	10	16	0	0	447	728	340	554	2.2	0
1979	5	7	0	0	510	764	219	328	1.0	0
1980	5	7	0	0	550	755	335	460	0.9	0
1981	40	50	0	0	436	546	208	260	9.2	0
1982	5	6	0	0	391	460	177	208	1.3	0
1983	0	0	0	0	283	321	163	185	0	0
1984	0	0	0	0	271	296	192	210	0	0
1985	0	0	0	0	288	305	190	202	0	0
1986	5	5	0	0	NA	NA	NA	NA	NA	NA
1987	0	0	0	0	NA	NA	NA	NA	NA	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Trinidad and Tobago										
1977	0	0	0	0	1819	3181	2180	3813	0	0
1978	0	0	0	0	1967	3205	2040	3324	0	0
1979	0	0	0	0	2105	3153	2610	3909	0	0
1980	20	27	0	0	3178	4362	4077	5596	0.6	0
1981	0	0	0	0	3125	3913	3761	4710	0	0
1982	0	0	0	0	3697	4350	3072	3615	0	0
1983	0	0	0	0	2582	2925	2353	2666	0	0
1984	0	0	0	0	1919	2096	2173	2373	0	0
1985	0	0	0	0	1533	1626	2161	2292	0	0
1986	0	0	0	0	1362	1407	1378	1423	0	0
1987	0	0	0	0	1207	1207	1464	1464	0	0
Tunisia										
1977	50	87	0	0	1825	3192	929	1625	2.7	0
1978	10	16	0	0	2138	3484	1126	1835	0.5	0
1979	90	135	0	0	2849	4267	1791	2682	3.2	0
1980	140	192	0	0	3540	4859	2231	3062	4.0	0
1981	60	75	0	0	3791	4748	2500	3131	1.6	0
1982	60	71	0	0	3420	4024	1981	2331	1.8	0
1983	40	45	0	0	3107	3520	1850	2096	1.3	0
1984	130	142	0	0	3174	3467	1794	1959	4.1	0
1985	340	361	0	0	2757	2924	1738	1843	12.3	0
1986	30	31	0	0	2890	2985	1760	1818	1.0	0
1987	50	50	0	0	3039	3039	2139	2139	1.6	0
Turkey										
1977	140	245	0	0	5796	10140	1753	3066	2.4	0
1978	220	358	10	16	4599	7493	2288	3728	4.8	0.4
1979	170	255	10	15	5069	7592	2261	3386	3.4	0.4
1980	300	412	10	14	7909	10860	2910	3995	3.8	0.3
1981	310	388	10	13	8933	11190	4703	5890	3.5	0.2
1982	450	530	20	24	8843	10410	5746	6761	5.1	0.3
1983	500	566	90	102	9232	10460	5728	6489	5.4	1.6
1984	490	535	160	175	10730	11720	7134	7792	4.6	2.2
1985	440	467	100	106	11030	11700	7958	8440	4.0	1.3
1986	600	620	0	0	11030	11390	7466	7711	5.4	0
1987	925	925	10	10	13270	13270	10190	10190	7.0	0.1
Uganda										
1977	5	9	0	0	248	434	588	1028	2.0	0
1978	30	49	0	0	254	414	348	567	11.8	0
1979	10	15	0	0	197	295	435	651	5.1	0
1980	10	14	0	0	293	402	345	474	3.4	0
1981	40	50	0	0	345	432	243	304	11.6	0
1982	60	71	0	0	377	444	349	411	15.9	0
1983	30	34	0	0	377	427	372	421	8.0	0
1984	10	11	0	0	344	376	399	436	2.9	0
1985	5	5	0	0	327	347	352	373	1.5	0
1986	10	10	0	0	344	355	352	364	2.9	0
1987	40	40	0	0	477	477	NA	NA	8.4	NA

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
United Arab Emirates										
1977	180	315	0	0	5055	8841	9636	16850	3.6	0
1978	60	98	0	0	5371	8751	9126	14870	1.1	0
1979	150	225	0	0	6966	10430	13650	20450	2.2	0
1980	170	233	0	0	8746	12010	20680	28380	1.9	0
1981	240	301	0	0	9646	12080	20350	25480	2.5	0
1982	50	59	0	0	9440	11110	16490	19400	0.5	0
1983	40	45	10	11	8294	9397	14670	16620	0.5	0.1
1984	190	208	5	5	6936	7576	14190	15500	2.7	0
1985	80	85	0	0	6549	6946	14040	14890	1.2	0
1986	30	31	0	0	6422	6632	15840	16360	0.5	0
1987	260	260	0	0	7226	7226	NA	NA	3.6	NA
United Kingdom										
1977	150	262	1000	1749	63190	110500	55860	97700	0.2	1.8
1978	160	261	1300	2118	75810	123500	67890	110600	0.2	1.9
1979	280	419	1200	1797	99600	149200	86400	129400	0.3	1.4
1980	350	480	1900	2608	115500	158600	110100	151200	0.3	1.7
1981	480	601	2900	3632	102700	128600	102200	128000	0.5	2.8
1982	490	577	2100	2471	99650	117300	96980	114100	0.5	2.2
1983	650	736	1800	2039	100100	113400	91650	103800	0.6	2.0
1984	850	928	1700	1857	104700	114400	93880	102500	0.8	1.8
1985	675	716	1100	1167	109000	115600	101300	107400	0.6	1.1
1986	625	645	1400	1446	126300	130500	107200	110700	0.5	1.3
1987	380	380	2100	2100	154400	154400	131300	131300	0.2	1.6
United States										
1977	120	210	6700	11720	160400	280600	121200	212000	0.1	5.5
1978	120	196	6400	10430	186000	303100	143800	234200	0.1	4.5
1979	130	195	5900	8836	222200	332800	182000	272600	0.1	3.2
1980	140	192	6400	8785	257000	352800	220800	303100	0.1	2.9
1981	210	263	8500	10640	273400	342300	233700	292700	0.1	3.6
1982	430	506	9200	10830	254900	299900	212300	249800	0.2	4.3
1983	500	566	11600	13140	269900	305800	200500	227200	0.2	5.8
1984	470	513	10600	11580	341200	372600	217900	238000	0.1	4.9
1985	600	636	11100	11770	361600	383500	213100	226100	0.2	5.2
1986	430	444	9100	9398	387100	399800	217300	224400	0.1	4.2
1987	625	625	12600	12600	424100	424100	250400	250400	0.1	5.0
Upper Volta (see Burkina Faso)										
Uruguay										
1977	20	35	0	0	730	1277	608	1063	2.7	0
1978	5	8	0	0	757	1233	686	1118	0.7	0
1979	5	7	0	0	1206	1806	788	1180	0.4	0
1980	40	55	0	0	1680	2306	1059	1454	2.4	0
1981	60	75	0	0	1641	2055	1215	1522	3.7	0
1982	20	24	0	0	1110	1306	1023	1204	1.8	0
1983	10	11	0	0	788	893	1045	1184	1.3	0
1984	0	0	0	0	777	849	925	1010	0	0
1985	0	0	0	0	708	751	909	964	0	0
1986	0	0	0	0	870	899	1088	1124	0	0
1987	0	0	0	0	1142	1142	1189	1189	0	0

TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Venezuela										
1977	100	175	0	0	10940	19130	9551	16700	0.9	0
1978	30	49	0	0	11770	19170	9187	14970	0.3	0
1979	40	60	0	0	10670	15980	14320	21440	0.4	0
1980	130	178	0	0	11830	16230	19220	26380	1.1	0
1981	290	363	0	0	13110	16410	20980	26270	2.2	0
1982	250	294	0	0	12940	15230	16500	19410	1.9	0
1983	90	102	0	0	8710	9868	15050	17050	1.0	0
1984	370	404	0	0	7594	8294	13970	15260	4.9	0
1985	440	467	0	0	8234	8733	12270	13020	5.3	0
1986	100	103	0	0	9565	9878	10050	10380	1.0	0
1987	90	90	0	0	8725	8725	8402	8402	1.0	0
Vietnam										
1977	100	175	5	9	1372	2400	594	1039	7.3	0.8
1978	400	652	0	0	1485	2420	648	1056	26.9	0
1979	3400	5092	0	0	1599	2395	587	879	212.6	0
1980	2300	3157	0	0	1296	1779	537	737	177.5	0
1981	1100	1378	0	0	1398	1751	467	585	78.7	0
1982	1400	1647	10	12	1438	1692	595	700	97.4	1.7
1983	1500	1699	0	0	1550	1756	652	739	96.8	0
1984	1600	1748	0	0	1823	1991	763	833	87.8	0
1985	1500	1591	20	21	NA	NA	NA	NA	NA	NA
1986	2100	2169	0	0	1590	1642	785	811	132.1	0
1987	1900	1900	5	5	NA	NA	NA	NA	NA	NA
Yemen (Aden)										
1977	150	262	0	0	544	951	181	317	27.6	0
1978	350	570	0	0	575	937	193	314	60.9	0
1979	500	749	0	0	925	1385	466	697	54.1	0
1980	700	961	0	0	1527	2096	777	1067	45.8	0
1981	500	626	0	0	1419	1777	607	761	35.2	0
1982	250	294	0	0	1599	1882	795	935	15.6	0
1983	775	878	0	0	1483	1680	674	763	52.3	0
1984	330	360	0	0	1543	1685	645	705	21.4	0
1985	390	414	0	0	762	808	316	335	51.2	0
1986	110	114	0	0	NA	NA	NA	NA	NA	NA
1987	300	300	0	0	NA	NA	NA	NA	NA	NA
Yemen (Sanaa)										
1977	30	52	0	0	1040	1819	11	19	2.9	0
1978	110	179	0	0	1284	2092	7	11	8.6	0
1979	480	719	0	0	1492	2235	14	21	32.2	0
1980	575	789	0	0	1853	2544	23	32	31.0	0
1981	1000	1252	20	25	1758	2202	47	59	56.9	42.6
1982	420	494	0	0	1521	1790	39	46	27.6	0
1983	490	555	0	0	1593	1805	27	31	30.8	0
1984	80	87	0	0	1557	1701	31	34	5.1	0
1985	230	244	0	0	1300	1379	26	28	17.7	0
1986	280	289	0	0	1157	1195	NA	NA	24.2	NA
1987	390	390	0	0	1300	1300	11	11	30.0	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars		%	%
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987		
Yugoslavia										
1977	110	192	240	420	9634	16850	5254	9189	1.1	4.6
1978	90	147	410	668	9988	16270	5671	9240	0.9	7.2
1979	120	180	170	255	12860	19260	6491	9721	0.9	2.6
1980	250	343	260	357	15060	20680	8978	12320	1.7	2.9
1981	90	113	330	413	15830	19820	10940	13700	0.6	3.0
1982	250	294	360	424	13450	15830	10250	12060	1.9	3.5
1983	240	272	370	419	12160	13780	9914	11230	2.0	3.7
1984	100	109	650	710	12000	13100	10250	11200	0.8	6.3
1985	20	21	420	445	12210	12950	10700	11350	0.2	3.9
1986	20	21	260	269	11750	12140	10350	10690	0.2	2.5
1987	210	210	160	160	12620	12620	11440	11440	1.7	1.4
Zaire										
1977	30	52	0	0	609	1065	988	1728	4.9	0
1978	40	65	0	0	589	960	925	1507	6.8	0
1979	30	45	0	0	597	894	1497	2242	5.0	0
1980	50	69	0	0	835	1146	1632	2240	6.0	0
1981	50	63	0	0	668	837	579	725	7.5	0
1982	40	47	0	0	480	565	400	471	8.3	0
1983	30	34	0	0	470	532	1131	1281	6.4	0
1984	20	22	0	0	676	738	1003	1095	3.0	0
1985	20	21	0	0	788	836	947	1004	2.5	0
1986	20	21	0	0	872	901	1097	1133	2.3	0
1987	30	30	0	0	756	756	970	970	4.0	0
Zambia										
1977	10	17	0	0	786	1375	896	1567	1.3	0
1978	60	98	0	0	741	1207	856	1395	8.1	0
1979	30	45	0	0	905	1355	1373	2056	3.3	0
1980	220	302	0	0	1339	1838	1298	1782	16.4	0
1981	60	75	0	0	1261	1579	1079	1351	4.8	0
1982	40	47	0	0	1201	1413	1024	1205	3.3	0
1983	0	0	0	0	851	964	832	943	0	0
1984	10	11	0	0	730	797	652	712	1.4	0
1985	10	11	0	0	654	694	784	831	1.5	0
1986	5	5	0	0	648	669	517	534	0.8	0
1987	0	0	0	0	NA	NA	NA	NA	NA	NA
Zimbabwe										
1977	10	17	0	0	710	1242	877	1534	1.4	0
1978	20	33	0	0	685	1116	900	1466	2.9	0
1979	20	30	0	0	929	1391	1053	1577	2.2	0
1980	60	82	0	0	1448	1988	1415	1942	4.1	0
1981	70	88	0	0	1696	2124	1408	1763	4.1	0
1982	90	106	0	0	1639	1929	1276	1501	5.5	0
1983	20	23	0	0	1205	1365	1135	1286	1.7	0
1984	70	76	0	0	1098	1199	1154	1260	6.4	0
1985	0	0	0	0	1031	1093	1113	1180	0	0
1986	110	114	0	0	1132	1169	1302	1345	9.7	0
1987	80	80	0	0	1209	1209	1427	1427	6.6	0

**TABLE II. Value of Arms Transfers and Total Imports and Exports, 1977-1987
By Region, Organization, and Country — continued**

YEAR	ARMS IMPORTS ^a		ARMS EXPORTS ^a		TOTAL IMPORTS ^b		TOTAL EXPORTS ^b		ARMS ^c IMPORTS TOTAL IMPORTS	ARMS ^c EXPORTS TOTAL EXPORTS
	Million dollars		Million dollars		Million dollars		Million dollars			
	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	Current	Constant 1987	%	%

0 Nil or negligible. NA Not available.

- ^a To avoid the appearance of excessive accuracy, arms transfer data have been independently rounded, with greater severity for large numbers. Because of this rounding and the fact that they are obtained from different sources, world arms exports do not equal world arms imports.
- ^b Total imports and exports usually are as reported by individual countries and the extent to which arms transfers are included is often uncertain. Imports are reported "cif" (including cost of shipping, insurance, and freight) and exports are reported "fob" (excluding these costs). For these reasons and because of divergent sources, world totals for imports and exports are not equal.
- ^c Because some countries exclude arms imports or exports from their trade statistics and their "total" imports and exports are therefore understated and because arms transfers may be estimated independently of trade data, the resulting ratios of arms to total imports or exports may be overstated and may even exceed 100 percent.
- ^d In order to reduce distortions in grouped data trends caused by data gaps for individual countries and years (shown as "NAs"), the totals for the world, regions, and organizations include rough approximations for the gaps.
- ^e Includes transfers to NATO agencies as such, which are not attributable to individual recipient countries.
- ^f The estimated dollar values of the Soviet Union's arms exports in this and the previous edition of this report are revised upward substantially from those in previous editions. See Statistical Notes, Arms Transfers, for further discussion.
- ^g Includes some equipment purchased by the U.S. Army Corps of Engineers from indeterminable supplier countries for use in construction projects in Saudi Arabia and recorded in U.S. accounts as U.S. imports.

**TABLE III. Value of Arms Transfers, Cumulative 1983-1987, By Major Supplier
and Recipient Country
(In Millions of Current Dollars)**

RECIPIENT \ SUPPLIER	TOTAL ^a	SOVIET UNION ^b	UNITED STATES	FRANCE	UNITED KINGDOM	WEST GERMANY	CHINA	POLAND	CZECHO-SLOVAKIA	ITALY	BULGARIA	OTHERS
WORLD TOTALS	237735	96435	54,640 ^C	19,710	8065	7975	6515	5550	5315	4015	2440	27075
DEVELOPED (*)	49680	12980	22,280 ^C	270	2070	2145	0	3515	1870	220	570	3760
DEVELOPING	188055	83455	32360	19440	5995	5830	6515	2035	3445	3795	1870	23315
NATO	22175	90	15,660 ^C	195	1600	2470	0	0	20	280	0	1860
WARSAW PACT	24650	16550	0	40	0	20	0	3955	1910	0	570	1605
OPEC (#)	74455	20750	8960	13020	3530	1030	5120	530	2210	2510	1495	15300
AFRICA	29295	19040	1425	1575	570	165	245	100	1500	1170	280	3225
Algeria [#]	3230	2500	240	60	160	0	0	0	210	40	0	20
Angola	6350	5800	0	90	0	0	0	50	0	0	20	390
Benin	65	50	0	5	0	0	0	0	0	0	0	10
Botswana	5	0	0	5	0	0	0	0	0	0	0	0
Burkina Faso	80	0	0	0	0	0	0	0	0	10	10	60
Burundi	50	50	0	0	0	0	0	0	0	0	0	0
Cameroon	195	0	40	90	5	30	0	0	0	0	0	30
Cape Verde	10	10	0	0	0	0	0	0	0	0	0	0
Central African Rep.	0	0	0	0	0	0	0	0	0	0	0	0
Chad	165	0	30	130	0	0	0	0	0	0	0	5
Congo	235	220	0	5	0	0	0	0	0	0	0	10
Equatorial Guinea	20	0	0	0	0	0	0	0	0	0	0	20
Ethiopia	4330	4200	0	0	0	0	0	0	20	30	0	80
Gabon [#]	170	0	0	160	0	0	0	0	0	0	0	10
Gambia, The	20	0	0	20	0	0	0	0	0	0	0	0
Ghana	50	20	0	0	0	0	0	0	0	20	0	10
Guinea	225	220	0	0	0	0	0	0	5	0	0	0
Guinea-Bissau	110	110	0	0	0	0	0	0	0	0	0	0
Ivory Coast	70	0	0	70	0	0	0	0	0	0	0	0
Kenya	80	0	40	0	40	0	0	0	0	0	0	0
Lesotho	5	0	0	0	0	0	0	0	0	0	0	5
Liberia	50	0	30	0	0	0	0	0	0	0	0	20
Libya [#]	7730	3900	0	240	0	30	10	50	1200	600	200	1500
Madagascar	130	130	0	0	0	0	0	0	0	0	0	0
Malawi	15	0	0	10	5	0	0	0	0	0	0	0
Mali	160	160	0	0	0	0	0	0	0	0	0	0
Mauritania	30	0	0	0	0	0	0	0	0	0	0	30
Mauritius	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	840	0	260	310	0	0	20	0	0	10	0	240
Mozambique	1330	1300	0	0	0	0	0	0	0	0	0	0
Niger	20	0	10	0	0	10	0	0	0	0	0	0
Nigeria [#]	1515	90	140	130	340	70	5	0	60	350	20	310
Rwanda	0	0	0	0	0	0	0	0	0	0	0	0
Sao Tome & Principe	30	30	0	0	0	0	0	0	0	0	0	0
Senegal	15	0	5	10	0	0	0	0	0	0	0	0
Sierra Leone	5	0	0	5	0	0	0	0	0	0	0	0
Somalia	195	0	70	10	0	0	5	0	0	50	0	60
South Africa*	30	0	20	0	10	0	0	0	0	0	0	0
Sudan	350	0	110	30	10	10	40	0	0	0	0	150
Tanzania	270	220	0	0	0	0	20	0	0	0	20	10

**TABLE III. Value of Arms Transfers, Cumulative 1983-1987, By Major Supplier
and Recipient Country — continued**
(In Millions of Current Dollars)

RECIPIENT \ SUPPLIER	TOTAL ^a	SOVIET UNION ^b	UNITED STATES	FRANCE	UNITED KINGDOM	WEST GERMANY	CHINA	POLAND	CZECHO-SLOVAKIA	ITALY	BULGARIA	OTHERS
Togo	5	0	0	5	0	0	0	0	0	0	0	0
Tunisia	585	0	400	170	0	10	0	0	0	0	0	5
Uganda	90	20	0	0	0	0	5	0	5	0	0	60
Zaire	115	0	30	20	0	5	20	0	0	20	0	20
Zambia	20	0	0	0	0	0	0	0	0	0	0	20
Zimbabwe	300	10	0	0	0	0	120	0	0	40	10	120
EAST ASIA	27385	11770	11350	205	480	460	105	240	0	425	0	2350
Burma	120	0	10	0	10	60	0	0	0	0	0	40
Cambodia	1110	1100	0	0	0	0	0	0	0	0	0	10
China												
Mainland	2080	330	150	80	190	90	X	0	0	40	0	200
Taiwan	2410	0	2400	10	0	0	0	0	0	0	0	0
Indonesia [#]	740	0	200	30	140	20	5	0	0	5	0	340
Japan [*]	4300	0	4300	0	0	0	0	0	0	0	0	0
Korea, North	1440	1200	0	20	0	0	10	110	0	0	0	100
Korea, South	2340	0	2300	10	10	0	0	0	0	0	0	20
Laos	560	550	0	0	0	0	0	0	0	0	0	10
Malaysia	1270	0	330	30	30	190	0	0	0	240	0	450
Mongolia	90	90	0	0	0	0	0	0	0	0	0	0
Philippines	190	0	160	0	0	10	0	0	0	0	0	20
Singapore	910	0	700	20	90	50	0	0	0	30	0	20
Thailand	1175	0	800	5	10	40	90	0	0	110	0	120
Vietnam	8650	8500	0	0	0	0	0	130	0	0	0	20
EUROPE	47995	17220	16550	400	1380	2735	0	3955	1930	245	70	3010
—NATO EUROPE	17545	90	13735	185	650	1895	0	0	20	130	0	840
Belgium [*]	1450	0	1400	40	0	0	0	0	0	0	0	10
Denmark [*]	510	0	390	20	70	0	0	0	0	0	0	30
France [*]	825	0	725	X	10	0	0	0	0	60	0	30
Germany, West [*]	2160	0	1900	50	90	X	0	0	0	0	0	120
Greece	1385	90	725	20	0	250	0	0	20	50	0	230
Iceland [*]	5	0	0	5	0	0	0	0	0	0	0	0
Italy [*]	955	0	925	0	0	0	0	0	0	X	0	30
Luxembourg [*]	30	0	30	0	0	0	0	0	0	0	0	0
Netherlands [*]	2780	0	2200	0	10	550	0	0	0	0	0	20
Norway [*]	1050	0	750	10	0	70	0	0	0	0	0	220
Portugal [*]	350	0	190	20	0	50	0	0	0	0	0	90
Turkey	2935	0	1400	20	470	975	0	0	0	20	0	50
United Kingdom [*]	3110	0	3100	0	X	0	0	0	0	0	0	10
—WARSAW PACT	24650	16550	0	40	0	20	0	3955	1910	0	570	1605
Bulgaria	4220	3700	0	0	0	20	0	440	40	0	X	20
Czechoslovakia [*]	4030	3800	0	0	0	0	0	40	X	0	190	0
Germany, East [*]	4825	3700	0	0	0	0	0	825	40	0	200	60
Hungary [*]	1030	675	0	0	0	0	0	150	130	0	70	5
Poland [*]	4300	3900	0	0	0	0	0	X	260	0	20	120
Romania [*]	865	775	0	40	0	0	0	0	40	0	10	0
Soviet Union [*]	5380	X	0	0	0	0	0	2500	1400	0	80	1400

**TABLE III. Value of Arms Transfers, Cumulative 1983-1987, By Major Supplier
and Recipient Country — continued
(In Millions of Current Dollars)**

SUPPLIER RECIPIENT	TOTAL ^a	SOVIET UNION ^b	UNITED STATES	FRANCE	UNITED KINGDOM	WEST GERMANY	CHINA	POLAND	CZECHO- SLOVAKIA	ITALY	BULGARIA	OTHERS
—OTHER EUROPE	5800	580	2815	175	730	820	0	0	0	115	0	565
Albania	0	0	0	0	0	0	0	0	0	0	0	0
Austria*	120	0	50	0	20	0	0	0	0	0	0	50
Finland*	445	130	50	0	130	0	0	0	0	5	0	130
Ireland*	55	0	30	20	0	0	0	0	0	0	0	5
Malta	0	0	0	0	0	0	0	0	0	0	0	0
Spain	1700	0	1400	130	30	10	0	0	0	110	0	20
Sweden*	425	0	320	5	50	10	0	0	0	0	0	40
Switzerland*	2455	0	825	20	500	800	0	0	0	0	0	310
Yugoslavia	600	450	140	0	0	0	0	0	0	0	0	10
LATIN AMERICA	17575	9240	1980	720	105	2290	0	135	365	400	260	2080
Argentina	1700	0	60	10	0	1400	0	0	0	10	0	220
Barbados	20	0	20	0	0	0	0	0	0	0	0	0
Bolivia	25	0	10	5	0	0	0	0	0	0	0	10
Brazil	460	0	170	130	10	0	0	0	0	60	0	90
Chile	315	0	5	70	60	130	0	0	0	0	0	50
Colombia	785	0	100	0	5	650	0	0	10	10	0	10
Costa Rica	30	0	30	0	0	0	0	0	0	0	0	0
Cuba	8380	7000	0	0	0	0	0	130	350	0	250	650
Dominican Republic	20	0	10	10	0	0	0	0	0	0	0	0
Ecuador#	460	0	70	80	30	0	0	0	0	220	0	60
El Salvador	340	0	310	0	0	0	0	0	0	0	0	30
Guatemala	75	0	5	0	0	0	0	0	0	0	0	70
Guyana	20	10	0	0	0	0	0	0	0	0	0	10
Haiti	20	0	5	0	0	0	0	0	0	10	0	5
Honduras	230	0	160	0	0	0	0	0	0	0	0	70
Jamaica	10	0	10	0	0	0	0	0	0	0	0	0
Mexico	430	0	300	20	0	10	0	0	0	0	0	100
Nicaragua	1970	1800	0	10	0	0	0	5	5	0	10	140
Panama	45	0	30	10	0	0	0	0	0	0	0	5
Paraguay	50	0	0	0	0	0	0	0	0	0	0	50
Peru	1060	430	130	340	0	60	0	0	0	30	0	70
Suriname	30	0	0	0	0	0	0	0	0	0	0	30
Trinidad & Tobago	0	0	0	0	0	0	0	0	0	0	0	0
Uruguay	10	0	5	5	0	0	0	0	0	0	0	0
Venezuela#	1090	0	550	30	0	40	0	0	0	60	0	410
MIDDLE EAST	89965	27525	16820	14870	3925	1260	5735	800	1440	1520	1300	14770
Bahrain	425	0	230	60	5	120	0	0	0	0	0	10
Cyprus	320	0	0	290	0	0	0	0	0	0	0	30
Egypt	7820	340	3400	1600	200	60	550	0	0	270	0	1400
Iran#	8865	100	10	NA ^d	70	NA ^d	1800	20	40	NA ^d	650	5610
Iraq#	29895	13900	0	4800	40	700	3300	460	700	370	625	5000
Israel	4300	0	4300	0	0	0	0	0	0	0	0	0
Jordan	2470	825	650	490	360	5	10	0	0	0	0	130
Kuwait#	1275	240	220	525	110	170	0	0	0	0	0	10
Lebanon	530	0	400	100	0	0	0	0	0	5	5	20
Oman	785	0	50	20	500	190	5	0	0	10	0	10
Qatar#	555	0	10	525	20	0	0	0	0	0	0	0

**TABLE III. Value of Arms Transfers, Cumulative 1983-1987, By Major Supplier
and Recipient Country — continued
(In Millions of Current Dollars)**

RECIPIENT \ SUPPLIER	TOTAL ^a	SOVIET UNION ^b	UNITED STATES	FRANCE	UNITED KINGDOM	WEST GERMANY	CHINA	POLAND	CZECHO-SLOVAKIA	ITALY	BULGARIA	OTHERS
Saudi Arabia [#]	18,320 ^e	0	7200	6400	2400	0	0	0	0	320	0	2,000 ^e
Syria	10450	8900	0	20	0	10	70	320	700	0	20	410
United Arab Emirates	610	20	320	0	220	0	0	0	0	20	0	30
Yemen (Aden)	1910	1900	0	0	0	0	0	0	0	0	0	10
Yemen (Sanaa)	1435	1300	30	0	0	5	0	0	0	0	0	100
NORTH AMERICA	3630	0	925	10	950	575	0	0	0	150	0	1020
Canada [*]	995	0	925	0	0	0	0	0	0	0	0	70
United States [*]	2635	0	X	10	950	575	0	0	0	150	0	950
OCEANIA	3605	0	3150	30	230	90	0	0	0	5	0	100
Australia [*]	3315	0	3000	30	180	80	0	0	0	5	0	20
Fiji	0	0	0	0	0	0	0	0	0	0	0	0
New Zealand	250	0	150	0	50	10	0	0	0	0	0	40
Papua New Guinea	40	0	0	0	0	0	0	0	0	0	0	40
SOUTH ASIA	17285	11640	1440	1900	425	400	430	320	80	100	30	520
Afghanistan	4070	4000	0	0	0	0	0	0	50	0	20	0
Bangladesh	205	40	5	0	0	0	120	0	0	0	0	40
India	10990	7600	130	1900	410	400	0	320	10	60	10	150
Nepal	5	0	0	0	5	0	0	0	0	0	0	0
Pakistan	1920	0	1300	0	0	0	270	0	20	40	0	290
Sri Lanka	95	0	5	0	10	0	40	0	0	0	0	40

0 Nil or negligible. ^{*} Developed country (all others are "developing"). # OPEC country. X Not applicable.

NOTE: To avoid the appearance of excessive accuracy, the entries in this table are independently rounded, with greater severity for larger numbers. Totals here are the sum of the rounded components.

- ^a Comparable totals in tables III and IV do not agree precisely due to the fact that rounding was done at different stages of aggregation.
- ^b Estimates of the Soviet Union's arms exports in value terms in this and the previous edition are revised and substantially larger than those shown in earlier editions. See Statistical Notes, Arms Transfers.
- ^c Includes transfers to NATO agencies as such and not attributed to any recipient country.
- ^d Transfers of uncertain magnitude have occurred in these cases. A rough estimate of the total value of these transfers is included under the "Others" category of suppliers to Iran.
- ^e Includes some purchases of equipment by the U.S. Army Corps of Engineers from indeterminable supplier countries for use in construction projects in Saudi Arabia and recorded in U.S. accounts as imports to the U.S.

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region
(In Billions of Current Dollars)**

RECIPIENT	SUPPLIER	World ^a	COMMUNIST				NON-COMMUNIST							
			Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing
DELIVERIES														
World							C							
1977		22.4	8.6	1.4	0.1	0.3	6.7	1.5	1.0	0.9	0.4	0.4	0.8	0.5
1978		26.9	10.9	1.9	0.2	0.5	6.4	1.9	1.3	0.9	0.8	0.5	1.0	0.6
1979		31.2	16.0	1.8	0.1	0.3	5.9	1.5	1.2	1.2	0.7	0.5	1.1	0.9
1980		34.8	16.2	2.2	0.3	0.5	6.4	2.7	1.9	1.4	0.8	0.6	1.1	0.7
1981		42.4	16.3	2.7	0.4	0.9	8.5	4.3	2.9	1.5	1.2	0.8	1.3	1.7
1982		47.1	19.1	3.1	1.3	1.0	9.2	3.7	2.1	0.9	1.1	0.9	1.3	3.5
1983		49.4	19.3	3.2	1.6	0.7	11.6	4.3	1.8	1.9	1.2	0.8	1.5	1.6
1984		52.2	19.4	3.4	2.0	1.1	10.6	4.1	1.7	2.8	1.1	1.1	1.4	3.5
1985		45.8	17.4	4.4	0.7	0.8	11.0	4.8	1.1	0.9	1.0	0.9	0.9	1.9
1986		43.1	19.1	3.9	1.2	0.5	9.0	4.0	1.4	0.6	0.5	0.6	1.0	1.1
1987		47.3	21.2	2.9	1.0	0.6	12.6	2.6	2.1	1.8	0.2	0.4	0.6	1.4
Total		442.6	183.5	30.9	8.9	7.2	97.9	35.4	18.5	14.8	9.0	7.5	12.0	17.4
Developed							C							
1977		4.4	1.3	1.0	0	—	1.3	0.1	0.2	0.1	—	0.1	0.2	—
1978		4.7	0.9	1.3	0	—	1.4	—	0.2	0.2	—	0.2	0.3	—
1979		5.0	1.0	1.1	0	—	1.9	—	0.3	0.3	—	0.1	0.2	—
1980		7.1	1.9	1.4	0	0	2.8	—	0.2	0.2	—	0.1	0.2	—
1981		7.9	1.9	1.2	0	0	4.0	0.1	0.4	0.1	—	0.1	0.1	0.1
1982		8.2	2.5	1.0	—	0	3.5	0.1	0.5	0.2	—	0.2	0.1	0.1
1983		9.9	2.1	1.4	0	—	4.7	0.1	0.4	0.3	0	0.2	0.5	0.1
1984		10.3	2.5	1.2	0	—	5.1	—	0.4	0.2	—	0.2	0.5	0.1
1985		10.6	2.8	1.5	0	0	4.9	0.1	0.4	0.3	0.1	0.2	0.2	0.2
1986		10.5	3.6	1.6	0	0	4.0	—	0.5	0.3	—	0.1	0.2	0.1
1987		8.4	2.0	0.9	0	0	3.7	—	0.3	1.0	—	0.1	0.2	0.1
Total		87.0	22.5	13.6	0	0	37.3	0.5	3.8	3.2	0.1	1.6	2.7	0.8
Developing														
1977		18.0	7.3	0.4	0.1	0.3	5.4	1.3	0.9	0.8	0.4	0.2	0.6	0.5
1978		22.2	9.9	0.6	0.2	0.5	5.1	1.8	1.2	0.7	0.8	0.3	0.7	0.5
1979		26.2	15.0	0.7	0.1	0.3	4.0	1.5	0.9	0.9	0.7	0.4	0.9	0.8
1980		27.7	14.3	0.8	0.3	0.5	3.6	2.7	1.6	1.1	0.7	0.4	0.9	0.7
1981		34.5	14.4	1.5	0.4	0.9	4.5	4.2	2.5	1.4	1.2	0.7	1.2	1.6
1982		38.9	16.6	2.1	1.3	1.0	5.7	3.6	1.6	0.8	1.0	0.7	1.2	3.4
1983		39.5	17.2	1.7	1.6	0.7	6.9	4.2	1.3	1.6	1.2	0.6	0.9	1.6
1984		41.9	16.9	2.2	2.0	1.0	5.4	4.1	1.3	2.6	1.1	1.0	0.9	3.4
1985		35.1	14.6	2.9	0.7	0.8	6.2	4.7	0.7	0.6	0.9	0.7	0.7	1.7
1986		32.6	15.5	2.3	1.2	0.5	5.1	4.0	0.9	0.3	0.5	0.5	0.9	1.0
1987		38.9	19.2	2.0	1.0	0.6	8.9	2.5	1.8	0.8	0.2	0.3	0.3	1.3
Total		355.5	160.9	17.2	8.9	7.1	60.8	34.6	14.7	11.6	8.7	5.8	9.2	16.5

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER \ RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

DELIVERIES — continued

Africa

1977	4.1	2.4	0.2	—	0.1	0.1	0.3	0.1	0.3	0.2	0.1	0.1	0.2
1978	6.8	4.2	0.4	—	0.1	0.2	0.6	—	0.2	0.4	0.2	0.1	0.2
1979	6.1	4.0	0.3	—	0.1	0.2	0.4	0.1	0.3	0.3	0.2	0.1	0.1
1980	6.4	3.7	0.3	0.1	0.1	0.1	0.7	0.2	0.5	0.4	0.2	—	0.1
1981	7.6	4.3	0.5	—	0.3	0.2	0.6	0.2	0.6	0.4	0.3	0.1	0.2
1982	7.3	3.6	0.7	0.4	0.3	0.2	0.9	0.2	0.2	0.2	—	0.1	0.6
1983	6.8	4.1	0.8	—	0.2	0.4	0.4	0.1	0.1	0.3	0.1	0.2	0.2
1984	7.6	4.9	0.6	—	0.3	0.4	0.4	0.3	—	0.3	0.1	—	0.1
1985	5.3	3.3	0.5	—	0.1	0.3	0.4	0.2	—	0.4	—	—	0.1
1986	4.6	3.1	0.6	—	0.2	0.2	0.2	—	—	0.1	—	0.1	0.1
1987	5.0	3.7	0.5	0.1	0.1	0.2	0.1	—	0	—	—	—	0.1
Total	67.6	41.3	5.4	0.6	1.9	2.5	5.0	1.4	2.2	3.0	1.2	0.8	2.0

East Asia

1977	1.5	0.3	—	—	—	0.8	—	0.1	0.1	—	—	—	0.1
1978	2.0	0.6	0	0.1	—	1.1	0.1	0.1	—	—	—	—	—
1979	5.6	3.8	—	—	—	1.1	—	0.1	—	—	0.1	0.2	0.1
1980	5.3	2.7	—	—	0	1.5	0.1	0.2	—	0.1	0.1	0.4	0.1
1981	4.4	1.5	—	—	—	1.9	0.1	0.2	0.2	—	0.1	0.4	0.1
1982	4.6	1.9	—	0.2	—	1.6	0.1	—	—	—	0.1	0.3	0.2
1983	4.7	1.8	0.2	—	—	2.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
1984	5.3	2.0	0.1	—	—	2.2	—	0.1	0.2	—	0.2	0.1	0.4
1985	5.8	2.4	0	—	—	2.5	—	0.1	0.1	0.2	0.2	—	0.3
1986	5.5	2.9	—	—	0	2.2	—	—	—	—	—	—	0.3
1987	6.0	2.8	—	0.1	0	2.4	—	0.1	—	—	0.2	—	0.3
Total	50.7	22.7	0.3	0.4	0	19.4	0.5	1.1	0.7	0.5	1.1	1.5	2.0

Europe, All

1977	4.8	1.5	1.0	0	—	1.4	0.2	0.1	0.2	—	—	0.2	0
1978	4.7	1.3	1.3	0	—	1.3	0.1	0.1	0.2	—	0.1	0.4	—
1979	5.3	1.5	1.1	0	—	1.7	0.1	0.2	0.3	0.1	0.1	0.3	—
1980	7.2	2.3	1.4	0	0	2.4	0.1	0.1	0.3	—	0.1	0.3	—
1981	7.6	2.4	1.2	0	0	2.8	0.3	0.2	0.3	0.1	0.2	0.1	—
1982	8.5	3.1	1.1	—	—	2.9	0.3	0.2	0.4	0.1	0.2	0.2	—
1983	9.7	3.0	1.4	0	—	3.5	0.2	0.2	0.6	—	0.1	0.6	0.1
1984	9.4	3.2	1.3	0	—	3.7	—	0.3	0.3	—	—	0.5	0.1
1985	9.6	3.6	1.7	0	0	3.4	0.1	0.2	0.2	—	0.1	0.2	0.1
1986	10.4	4.7	1.8	0	0	2.8	—	0.3	0.4	0.1	0.1	0.1	0.1
1987	8.9	2.7	1.0	0	0	3.2	0.1	0.3	1.2	0.1	—	0.2	—
Total	86.1	29.3	14.3	0	0	29.1	1.5	2.2	4.4	0.5	1.0	3.1	0.4

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

DELIVERIES — continued

—NATO Europe

1977	1.7	0	0	0	0	1.1	0.2	0.1	0.2	—	—	0.1	0
1978	1.7	0	0	0	0	1.1	—	0.1	0.2	—	—	0.2	0
1979	2.0	0	0	0	0	1.3	—	0.2	0.3	—	—	0.2	—
1980	2.7	0	0	0	0	2.2	—	—	0.3	—	—	0.1	—
1981	3.1	0	0	0	0	2.4	0.1	—	0.2	—	0.2	0.1	—
1982	3.6	0	0.1	0	0	2.6	0.1	0.1	0.4	—	0.2	0.1	—
1983	3.9	0	0	0	0	3.0	0.1	0.1	0.6	—	0.1	0.1	—
1984	3.7	0	0	0	0	3.2	—	0.1	0.3	—	—	0.1	—
1985	3.6	0.1	—	0	0	2.9	0.1	—	0.2	—	0.1	0.1	—
1986	3.1	0	—	0	0	2.4	—	0.1	0.4	—	—	0.1	—
1987	3.3	0	—	0	0	2.3	—	0.3	0.4	—	—	0.1	—
Total	32.4	0.1	0.1	0	0	24.5	0.6	1.1	3.5	—	0.6	1.3	—

—Warsaw Pact

1977	2.5	1.5	1.0	0	—	0	—	0	0	0	0	—	0
1978	2.6	1.2	1.3	0	—	0	—	0	—	0	0	0.1	0
1979	2.6	1.4	1.1	0	—	0	—	0	—	0	0	—	0
1980	3.5	1.9	1.4	0	0	0	—	—	0	0	0	0.1	0
1981	3.5	2.2	1.2	0	0	0	—	0.1	0	0	0	0	0
1982	3.9	2.9	1.0	—	0	0	—	—	0	0	0	0	0
1983	4.7	2.7	1.4	0	—	0	—	0	0	0	0	0.5	0
1984	4.7	3.1	1.3	0	—	0	0	0	0	0	0	0.3	—
1985	5.2	3.5	1.7	0	0	0	0	0	—	0	0	—	0
1986	6.4	4.6	1.8	0	0	0	—	0	0	0	0	0	0
1987	3.5	2.5	1.0	0	0	0	—	0	0	0	0	—	0
Total	43.1	27.5	14.2	—	—	0	—	0.1	—	0	0	1.0	—

—Other Europe

1977	0.6	0.1	—	0	0	0.3	—	—	—	—	—	0.1	0
1978	0.5	0.1	0	0	0	0.2	—	—	—	—	0.1	0.1	—
1979	0.7	0.1	0	0	0	0.4	0.1	—	—	—	0.1	0.1	0
1980	1.0	0.4	0	0	0	0.2	—	—	—	—	0.1	0.2	—
1981	0.9	0.1	0	0	0	0.4	0.2	0.1	—	—	—	—	0
1982	1.0	0.2	0	0	0	0.3	0.2	0.1	—	—	—	0.1	—
1983	1.1	0.2	0	0	0	0.6	0.1	0.1	0	0	—	—	0.1
1984	0.9	0.1	0	0	0	0.5	—	0.2	0	0	—	—	0.1
1985	0.8	0.1	0	0	0	0.4	0	0.2	0	0	—	0.1	0.1
1986	0.9	0.1	0	0	0	0.4	—	0.2	0	—	—	—	0.1
1987	2.0	0.2	0	0	0	0.9	—	—	0.8	0.1	—	—	—
Total	10.4	1.7	—	0	0	4.6	0.6	0.9	0.8	0.1	0.3	0.7	0.4

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
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(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

DELIVERIES — continued

Latin America

1977	1.4	0.9	0	0	0	0.2	—	0.1	0.1	0.1	—	—	—
1978	2.0	1.1	0	0	0	0.1	0.2	0.2	0.1	0.1	—	0.1	0.1
1979	2.1	0.7	0	0	0	0.1	0.3	0.2	0.1	0.1	—	0.1	0.4
1980	2.0	0.6	—	0	—	0.1	0.5	0.1	—	0.1	0.1	0.1	0.2
1981	3.5	1.7	—	0	—	0.1	0.5	0.1	0.1	0.4	0.1	0.1	0.3
1982	3.6	1.8	0.1	0	—	0.2	0.3	0.1	0.1	0.3	—	—	0.7
1983	3.4	1.7	—	0	—	0.2	0.1	—	0.9	0.1	—	—	0.2
1984	4.1	1.7	—	0	0.1	0.4	0.1	—	1.2	0.2	—	—	0.3
1985	3.7	1.4	1.3	0	—	0.5	0.1	—	0.1	—	—	—	0.2
1986	3.0	2.2	0.1	0	—	0.3	0.2	0	—	—	—	0.1	0.1
1987	3.4	2.4	—	0	0	0.5	0.3	—	—	—	—	—	0.1
Total	32.2	16.2	1.5	0	0.1	2.7	2.6	0.8	2.7	1.4	0.2	0.5	2.6

Middle East

1977	8.9	2.5	0.2	—	0.1	3.8	0.8	0.5	0.2	0.1	0.1	0.4	0.2
1978	9.9	3.3	0.2	—	0.3	3.3	0.7	0.8	0.3	0.3	0.1	0.4	0.1
1979	10.1	5.1	0.3	—	0.1	2.3	0.5	0.5	0.3	0.2	—	0.4	0.3
1980	11.3	5.7	0.4	0.1	0.3	1.7	1.3	1.0	0.3	0.1	—	0.2	0.2
1981	15.9	5.1	0.9	0.3	0.6	2.5	2.6	1.7	0.3	0.4	—	0.5	1.0
1982	19.1	6.6	1.2	0.5	0.7	3.6	1.8	1.1	0.2	0.4	0.4	0.7	1.9
1983	21.0	7.2	0.7	1.4	0.4	4.2	3.6	1.0	0.2	0.5	0.3	0.5	1.0
1984	21.6	5.9	1.4	1.9	0.7	2.3	3.5	0.6	0.9	0.5	0.7	0.6	2.5
1985	15.9	4.6	0.8	0.6	0.6	2.8	3.5	0.4	0.1	0.2	0.5	0.5	1.1
1986	13.8	3.8	1.3	1.1	0.3	2.3	2.7	0.7	—	0.2	0.4	0.6	0.5
1987	17.8	6.0	1.1	0.8	0.4	5.2	1.6	1.3	0.1	—	0.1	0.3	0.8
Total	165.3	55.8	8.5	6.7	4.5	34.0	22.6	9.6	2.9	2.9	2.6	5.1	9.6

North America

1977	0.3	0	0	0	0	0.2	0	—	—	0	0.1	—	0
1978	0.4	0	0	0	0	0.2	0	—	0.1	0	0.1	—	—
1979	0.4	0	0	0	0	0.1	0	—	0.1	0	0.1	—	—
1980	0.5	0	0	0	0	0.3	0	0.1	—	—	0.1	—	—
1981	0.6	0	0	0	0	0.4	0	0.1	—	—	0.1	—	—
1982	0.7	0	0	0	0	0.2	0	0.2	0.1	0	0.1	—	—
1983	0.8	0	0	0	0	0.3	0	0.2	0.1	0	0.2	—	—
1984	0.8	0	0	0	0	0.3	—	0.2	0.1	—	0.1	—	—
1985	0.7	0	0	0	0	0.1	0	0.2	0.1	0.1	0.2	—	0.1
1986	0.6	0	0	0	0	0.1	0	0.2	0.1	—	0.1	—	—
1987	0.8	0	0	0	0	0.1	0	0.2	0.2	—	0.1	0.1	0.1
Total	6.6	0	0	0	0	2.3	0	1.4	0.9	0.1	1.3	0.1	0.2

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
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SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
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DELIVERIES — continued

Oceania

1977	0.2	0	0	0	0	0	0	—	0.1	0	0	—	0
1978	0.3	0	0	0	0	0.2	0	—	—	0	0	—	0
1979	0.2	0	0	0	0	0.2	0	0.1	0	0	0	—	0
1980	0.3	0	0	0	0	0.2	0	0.1	—	—	—	—	0
1981	0.6	0	0	0	0	0.5	0	—	0	0	—	—	0
1982	0.2	0	0	0	0	0.2	0	—	—	0	0	0	0
1983	0.4	0	0	0	0	0.4	0	—	—	0	—	0	0
1984	0.6	0	0	0	0	0.5	—	—	—	0	—	—	0
1985	0.9	0	0	0	0	0.8	—	0	—	0	—	—	—
1986	1.0	0	0	0	0	0.8	0	0.1	—	0	—	—	0
1987	0.6	0	0	0	0	0.6	0	—	0	0	—	—	0
Total	5.3	0	0	0	0	4.4	—	0.3	0.1	—	—	—	—

South Asia

1977	1.3	1.0	—	—	—	0.1	0.1	—	0	0	—	—	—
1978	0.7	0.5	0	—	—	0.1	0.1	—	0	0	0	—	—
1979	1.3	1.0	—	—	—	0.1	0.1	0.1	0	—	0	—	0
1980	1.8	1.1	—	0.1	0	0.1	0.1	0.1	0.2	—	—	—	0
1981	2.1	1.4	0.1	0.1	—	0.1	0.1	0.3	—	0	0	—	—
1982	2.9	2.0	—	0.1	0	0.1	0.3	0.3	0	—	—	—	—
1983	2.3	1.6	—	0.1	—	0.3	—	0.2	0	0	—	—	—
1984	2.5	1.7	—	0.1	0	0.5	—	0.1	—	—	—	—	—
1985	3.6	2.1	0.2	—	0	0.4	0.6	—	0.1	0	—	0.1	—
1986	4.2	2.6	0.2	0.1	0	0.2	0.9	—	—	—	—	0.1	0
1987	4.7	3.6	0.1	0.1	—	0.1	0.4	0.1	0.2	—	—	—	—
Total	27.4	18.6	0.6	0.7	—	2.1	2.7	1.2	0.5	—	—	0.2	—

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
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(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing
AGREEMENTS													
World						^c							
1977	28.1	11.6	1.8	0.1	0.2	5.4	3.1	1.9	1.3	1.1	0.4	0.5	0.7
1978	26.3	5.2	1.9	0.2	0.6	7.0	2.5	2.8	2.7	1.4	0.4	0.8	0.9
1979	32.8	13.0	1.9	0.3	0.2	8.1	3.4	1.5	1.7	0.7	0.3	1.0	0.9
1980	51.7	18.3	2.4	0.5	0.6	10.9	7.9	2.8	1.7	2.9	0.9	1.8	1.1
1981	48.1	17.0	4.1	3.0	1.9	7.6	1.9	1.6	2.2	0.4	1.5	2.7	4.1
1982	61.9	24.2	3.1	1.6	0.3	15.5	7.2	1.8	2.4	1.3	1.2	1.5	2.0
1983	45.0	9.7	3.2	0.8	1.0	15.8	1.8	1.0	3.1	1.4	0.7	1.6	4.8
1984	57.4	24.7	2.4	0.4	0.6	15.8	7.2	1.2	0.8	0.6	1.1	0.9	1.7
1985	59.6	19.4	4.7	1.4	0.6	13.1	3.1	9.5	0.4	1.7	1.3	2.3	2.1
1986	46.2	19.1	4.3	1.8	0.5	8.6	2.1	1.4	1.7	0.7	0.5	2.8	2.6
1987	56.0	17.0	1.9	1.5	0.7	22.4	4.7	1.7	0.9	0.1	0.6	3.4	0.9
Total	513.1	179.2	31.7	11.6	7.2	130.2	44.9	27.2	18.9	12.3	8.9	19.3	21.8
Developed						^c							
1977	4.8	1.3	1.0	0	0	1.5	—	0.5	0.1	0.1	0.2	0.2	0
1978	5.4	0.8	1.3	0	0	2.3	0.1	0.3	—	—	0.1	0.3	—
1979	6.3	1.1	1.1	0	0	2.9	—	0.2	0.6	—	0.1	0.2	—
1980	10.1	2.1	1.4	0	0	5.6	—	0.6	0.1	—	0.1	0.2	—
1981	9.8	2.8	1.2	0	0	3.9	—	0.1	0.2	—	0.1	1.4	0.1
1982	10.3	2.6	1.0	—	—	5.1	—	0.4	0.4	0	0.1	0.2	0.3
1983	12.5	2.1	1.4	0	0	5.7	—	0.3	2.4	—	0.3	0.2	—
1984	10.5	2.6	1.2	0	0	5.4	0.1	0.4	0.1	—	0.4	0.2	—
1985	13.9	3.8	1.5	—	0	6.0	0.5	0.3	0.2	0.2	0.3	0.9	0.3
1986	12.0	3.5	1.6	0	0	4.3	0.2	0.3	1.0	—	0.1	1.0	—
1987	11.4	2.0	0.9	0	0	3.6	0.4	0.7	0.3	—	0.5	2.9	0.1
Total	107.0	24.7	13.6	—	—	46.3	1.3	4.1	5.4	0.3	2.3	7.7	0.8
Developing													
1977	23.4	10.3	0.7	0.1	0.2	4.0	3.1	1.4	1.2	1.0	0.3	0.4	0.7
1978	20.9	4.4	0.6	0.2	0.6	4.6	2.4	2.5	2.6	1.4	0.3	0.4	0.9
1979	26.5	11.9	0.8	0.3	0.2	5.3	3.4	1.3	1.0	0.6	0.2	0.8	0.8
1980	41.6	16.2	1.0	0.5	0.6	5.3	7.9	2.2	1.6	2.9	0.8	1.6	1.1
1981	38.2	14.2	2.9	3.0	1.9	3.7	1.9	1.5	2.0	0.4	1.5	1.2	4.0
1982	51.6	21.6	2.1	1.6	0.3	10.4	7.1	1.4	1.9	1.3	1.0	1.3	1.7
1983	32.5	7.6	1.8	0.8	1.0	10.0	1.8	0.7	0.7	1.4	0.4	1.4	4.8
1984	46.9	22.1	1.1	0.4	0.6	10.3	7.1	0.9	0.6	0.6	0.7	0.7	1.7
1985	45.7	15.6	3.1	1.4	0.6	7.1	2.7	9.2	0.2	1.6	1.1	1.3	1.9
1986	34.2	15.6	2.8	1.8	0.5	4.4	1.9	1.1	0.7	0.7	0.4	1.8	2.6
1987	44.6	15.0	1.0	1.5	0.7	18.8	4.3	1.0	0.7	0.1	0.2	0.5	0.8
Total	406.1	154.5	17.9	11.6	7.2	83.9	43.6	23.2	13.2	12.0	6.9	11.4	21.0

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WMEAT 88, Table IV -- Agreements

<u>Page</u>	<u>Column</u>	<u>Row</u>	<u>Reads</u>	<u>Should Read</u>
120	World	(World)1987	56.0	41.7
120	World	(World) Total	513.1	498.8
120	World	(Developing)1987	44.6	30.3
120	World	(Developing) Total	406.1	391.8
120	United States	(World)1987	22.4	8.1
120	United States	(World) Total	130.2	115.9
120	United States	(Developing)1987	18.8	4.3
120	United States	(Developing) Total	83.9	69.6
121	World	(East Asia)1987	20.9	6.6
121	World	(East Asia) Total	69.4	55.1
121	United States	(East Asia)1987	16.6	2.3
121	United States	(East Asia) Total	37.8	23.5

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

AGREEMENTS — continued

Africa

1977	9.8	6.7	0.6	—	0.1	0.2	0.4	—	0.5	0.5	0.2	0.1	0.4
1978	5.0	2.0	0.4	—	0.2	0.1	0.9	0.2	—	0.8	0.1	0.1	0.2
1979	2.7	0.7	0.2	0.2	0.2	0.1	0.2	0.1	0.4	0.4	0.1	0.1	0.1
1980	12.2	9.4	0.5	—	0.4	0.2	0.7	0.2	0.1	0.2	0.3	—	0.1
1981	8.3	4.9	1.0	0.3	0.4	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.5
1982	4.2	1.3	0.9	—	0.1	0.4	0.2	0.5	—	0.5	0.1	—	0.1
1983	5.0	2.1	0.5	—	0.4	0.3	0.3	0.2	0.3	0.5	0.1	—	0.2
1984	4.2	2.5	0.3	0.1	—	0.3	0.1	0.1	—	0.2	—	—	0.5
1985	6.0	3.3	0.3	—	0.1	0.2	0.5	0.1	—	0.5	0.5	0.3	0.3
1986	6.5	4.7	0.6	—	0.2	0.2	—	—	0	—	0.1	—	0.6
1987	4.8	4.0	—	—	0.1	0.2	0.3	—	—	—	0	—	0.1
Total	68.7	41.6	5.3	0.6	2.2	2.3	3.9	1.6	1.4	3.7	1.6	0.8	3.1

East Asia

1977	1.9	0.2	0	—	—	1.2	0.1	—	0.2	0	—	—	—
1978	2.1	0.2	0	0.1	—	1.5	—	0.1	—	—	0.1	0.1	0.1
1979	4.6	2.0	0	—	0	1.9	0.1	—	0	0.1	—	0.3	0.1
1980	5.9	2.7	—	—	0	1.9	0.2	0.2	0	0.2	0.1	0.5	0.1
1981	5.0	1.5	—	0	—	1.8	—	0.2	0.5	—	0.4	0.2	0.2
1982	5.8	1.9	0.1	0.3	—	2.5	—	—	0.2	0.1	0.3	0.3	0.1
1983	5.9	1.8	0.1	0	—	2.5	—	—	—	0.1	—	0.1	1.2
1984	4.9	1.9	0.1	—	0	2.1	0.2	0.3	0.1	—	0.1	0.1	0.1
1985	7.0	3.1	—	—	—	3.3	—	0.2	—	—	0.2	0.2	—
1986	5.4	2.5	—	—	—	2.5	—	0.1	0.3	—	0	—	—
1987	20.9	3.0	—	0.1	—	16.6	0.1	0.5	0.5	0	—	—	—
Total	69.4	20.8	0.3	0.5	—	37.8	0.7	1.6	1.8	0.5	1.2	1.8	1.9

Europe, All

1977	4.8	1.5	1.0	0	0	1.5	—	0.3	0.1	—	0.1	0.2	0
1978	5.7	1.2	1.3	0	0	1.8	0.4	0.3	0.1	—	0.1	0.4	—
1979	6.1	1.7	1.1	0	0	2.0	—	0.2	0.7	0.1	0.1	0.2	—
1980	10.1	2.6	1.4	0	0	4.5	—	0.5	0.5	—	0.2	0.2	—
1981	9.7	3.3	1.2	0	0	2.6	0.1	—	0.4	0.1	0.2	1.7	0.1
1982	8.4	3.0	1.1	—	—	2.3	—	0.1	1.2	0	—	0.2	0.3
1983	15.1	3.0	1.4	0	0	7.7	—	0.2	2.4	—	0.1	0.2	—
1984	13.7	3.4	1.3	0	0	7.9	0.2	0.2	0.2	—	0.3	0.2	—
1985	14.1	4.6	1.7	0	0	4.6	1.6	—	0.1	0.3	0.1	0.9	0.2
1986	12.1	4.7	1.8	0	0	3.0	0.6	0.4	1.2	0	0.1	0.3	—
1987	8.1	2.5	1.0	0	0	2.7	0.4	0.5	0.2	—	0.4	0.3	—
Total	107.9	31.5	14.3	—	—	40.6	3.3	2.7	7.1	0.5	1.7	4.8	0.6

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

AGREEMENTS — continued

—NATO Europe

1977	1.7	0	0	0	0	1.2	—	0.1	0.1	—	0.1	0.2	0
1978	2.2	0	0	0	0	1.6	0.1	0.2	0.1	—	—	0.2	—
1979	2.7	0	0	0	0	1.8	—	0.1	0.6	—	—	0.1	—
1980	5.0	0	0	0	0	4.1	0	0.1	0.5	—	0.2	0.1	0
1981	3.3	0	0	0	0	2.1	—	0	0.4	0.1	0.2	0.4	0.1
1982	3.6	0	0.1	0	0	2.1	—	0.1	1.2	0	—	0.1	—
1983	5.3	0	0	0	0	4.8	0	0.2	0.2	—	—	—	—
1984	8.2	—	0	0	0	7.5	0.1	—	0.2	—	0.3	0.1	—
1985	6.9	—	—	0	0	4.1	1.6	—	—	0.1	0.1	0.7	0.2
1986	4.8	0	—	0	0	2.7	0.3	0.4	1.2	0	0.1	0.2	—
1987	3.7	0	0	0	0	2.5	0.3	0.2	0.2	—	0.3	0.2	—
Total	47.4	—	0.1	0	0	34.5	2.4	1.4	4.7	0.2	1.3	2.3	0.3

—Warsaw Pact

1977	2.5	1.5	1.0	0	0	0	0	0	—	0	0	0	0
1978	2.5	1.1	1.3	0	0	0	0	0	0	0	0	0.1	0
1979	2.7	1.4	1.1	0	0	0	—	0.1	0	0	0	—	0
1980	3.8	2.3	1.4	0	0	0	—	0	0	0	0	0	0
1981	5.6	3.2	1.2	0	0	0	0	0	0	0	0	1.2	0
1982	4.1	2.9	1.0	—	—	0	0	0	0	0	0	0.1	0
1983	4.3	2.7	1.4	0	0	0	—	0	0	0	0	0.1	—
1984	4.4	3.1	1.3	0	0	0	0	0	—	0	0	—	0
1985	6.3	4.6	1.7	0	0	0	—	0	0	0	0	0	0
1986	5.9	4.2	1.8	0	0	0	0	0	0	0	0	—	0
1987	3.5	2.5	1.0	0	0	0	0	0	0	0	0	0	0
Total	45.6	29.5	14.2	—	—	0	—	0.1	—	0	0	1.5	—

—Other Europe

1977	0.7	0.1	—	0	0	0.3	—	0.2	0	—	—	—	0
1978	1.1	0.1	0	0	0	0.3	0.4	0.1	—	—	—	0.1	—
1979	0.7	0.2	0	0	0	0.3	—	—	0.1	0.1	—	0.1	0
1980	1.2	0.2	0	0	0	0.4	—	0.5	0	—	0	0.1	0
1981	0.8	0.1	0	0	0	0.5	0.1	—	0	0	0	0.1	—
1982	0.7	0.1	0	0	0	0.2	0	0.1	0	0	—	0.1	0.3
1983	5.5	0.2	0	0	0	2.9	—	—	2.2	0	0.1	0.1	0
1984	1.1	0.2	0	0	0	0.4	0.2	0.2	—	0	—	—	—
1985	1.0	—	0	0	0	0.5	0	—	—	0.2	—	0.1	—
1986	1.3	0.6	0	0	0	0.3	0.3	—	0	0	0	0.1	0
1987	0.8	0	0	0	0	0.3	0.1	0.3	0	0	—	0.1	—
Total	14.9	1.8	—	0	0	6.4	1.1	1.4	2.3	0.3	0.1	0.9	0.3

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER RECIPIENT	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing

AGREEMENTS — continued

Latin America

1977	1.1	0.3	0	0	0	0.1	0.3	—	0.2	—	—	—	0.1
1978	3.7	0.5	0	0	0	0.1	0.4	—	1.9	0.3	—	0.1	0.4
1979	2.0	0.6	—	0	0	0.1	0.8	—	—	—	—	0.1	0.4
1980	2.4	0.6	0	0	—	0.1	0.1	0.1	0.8	0.1	0.1	—	0.4
1981	3.6	2.0	—	0	—	0.2	0.3	0.1	—	0.1	—	0.1	0.7
1982	3.5	1.8	0.1	0	—	0.5	—	0.1	0.5	0.1	—	—	0.4
1983	2.3	1.4	—	0	0.1	0.2	—	—	—	—	0.1	0.1	0.3
1984	3.1	1.7	0.1	0	0.1	0.3	0.6	—	—	0.1	—	—	0.2
1985	4.2	2.1	1.3	0	—	0.4	—	—	0	—	—	0.1	0.2
1986	3.0	2.1	0.1	0	—	0.3	—	—	—	0.2	—	—	0.1
1987	3.7	2.2	—	0.2	0	0.6	0.3	0.1	0	—	—	—	0.3
Total	32.6	15.3	1.6	0.2	0.2	2.9	2.8	0.4	3.4	0.9	0.2	0.5	3.5

Middle East

1977	8.9	2.1	0.1	—	0	2.0	2.2	1.3	0.3	0.5	—	0.2	0.1
1978	6.7	0.9	0.2	0.1	0.4	2.8	0.5	0.8	0.4	0.2	—	0.2	0.2
1979	14.3	6.4	0.5	—	—	3.4	2.0	1.0	0.5	—	—	0.2	0.2
1980	16.5	—	0.4	0.3	0.2	3.3	6.8	1.6	0.2	2.3	0.1	0.7	0.5
1981	18.3	4.1	1.8	2.4	1.5	1.9	1.1	0.9	0.7	0.1	0.7	0.4	2.5
1982	30.9	13.5	0.9	1.2	0.1	5.8	5.3	0.8	0.3	0.6	0.6	0.8	1.0
1983	13.7	0.3	1.0	0.7	0.5	4.2	1.5	0.2	0.1	0.7	0.2	1.1	3.1
1984	26.7	12.7	0.7	0.2	0.5	3.8	6.0	0.3	0.2	0.3	0.5	0.5	1.0
1985	23.5	4.3	1.0	1.3	0.5	3.2	0.9	8.9	0.1	0.8	0.3	0.7	1.3
1986	12.0	2.2	1.9	1.8	0.3	1.2	1.1	0.6	0.1	0.3	0.3	0.6	1.8
1987	12.1	3.9	0.7	1.1	0.6	1.5	3.3	0.1	0.1	—	0.1	0.3	0.4
Total	183.6	50.4	9.2	9.1	4.6	33.1	30.7	16.5	3.0	5.8	2.8	5.7	12.1

North America

1977	0.3	0	0	0	0	0.1	0	0.1	—	—	0.1	—	0
1978	0.3	0	0	0	0	0.2	0	—	—	0	0.1	—	—
1979	0.3	0	0	0	0	0.1	0	—	—	0	0.1	—	—
1980	0.5	0	0	0	0	0.3	0	—	—	0	0.1	—	—
1981	0.7	0	0	0	0	0.5	0	0.1	—	—	0.1	—	—
1982	0.7	0	0	0	0	0.2	0	0.2	0.1	—	0.1	—	—
1983	0.8	0	0	0	0	0.3	0	0.2	0.1	0	0.2	—	—
1984	1.0	0	0	0	0	0.5	—	0.2	0.1	0	0.1	0.1	—
1985	0.9	0	0	0	0	0.3	0	0.2	0.1	0.1	0.2	—	0.1
1986	1.1	0	0	0	0	0.1	0	0.2	0.1	—	0.1	0.6	—
1987	1.0	0	0	0	0	0.1	0.2	0.2	0.2	—	0.1	—	0.1
Total	7.6	0	0	0	0	2.7	0.2	1.4	0.7	0.1	1.3	0.7	0.2

**TABLE IV. Arms Transfer Deliveries and Agreements, 1977-1987,
By Supplier and Recipient Region — continued
(In Billions of Current Dollars)**

SUPPLIER	World ^a	COMMUNIST				NON-COMMUNIST							
		Soviet Union ^b	Other Warsaw Pact	China	Other Communist	United States	France	United Kingdom	West Germany	Italy	Other NATO	Other Developed	Developing
RECIPIENT													

AGREEMENTS — continued

Oceania

1977	0.3	0	0	0	0	0.1	0	0.1	—	—	0	—	0
1978	0.4	0	0	0	0	0.3	0	0	0	0	—	—	0
1979	0.2	0	0	0	0	0.2	0	0	0	0	—	—	0
1980	0.5	0	0	0	0	0.4	0	—	0	0	0	—	0
1981	0.4	0	0	0	0	0.4	0	0	0.1	0	0	0	0
1982	2.7	0	0	0	0	2.6	—	—	—	0	0	0	0
1983	0.3	0	0	0	0	0.2	—	—	—	—	—	—	0
1984	0.6	0	0	0	0	0.5	0	0	—	0	0	0.1	—
1985	0.9	0	0	0	0	0.7	0	0.1	0	0	—	0.1	0
1986	1.0	0	0	0	0	0.8	0	0	0	0	—	0.2	—
1987	3.1	0	0	0	0	0.3	0	0	0	0	—	2.7	0
Total	10.4	0	0	0	0	6.5	—	0.2	0.1	—	—	3.1	—

South Asia

1977	0.9	0.7	0	—	—	0.1	—	—	—	0	0	—	0
1978	2.3	0.4	0	—	—	—	0.2	1.4	0.2	—	0	0	0
1979	2.2	1.5	0.1	0.1	—	—	0.3	0.1	0	0	0	0	0
1980	3.6	3.0	—	0.1	0	—	—	0.1	—	—	—	0.3	0
1981	1.9	1.1	—	0.2	0	0.1	0.1	—	0.4	—	0	—	0.1
1982	5.7	2.8	—	0.1	0	1.2	1.5	0.1	0	0	0.1	—	—
1983	1.8	1.2	0.1	0.1	0	0.2	0	—	0.1	0.1	—	—	—
1984	3.0	2.5	—	0.1	0	0.2	0.1	0.1	0.1	0	0	—	—
1985	2.7	1.9	0.3	—	0	0.2	0.1	—	—	—	—	—	—
1986	4.9	2.8	—	0.1	0	0.3	0.4	0.1	—	—	0	1.2	0.1
1987	2.3	1.5	—	0.1	—	0.2	0.1	0.4	0	—	0	0	—
Total	31.3	19.4	0.5	0.9	—	2.5	2.8	2.3	0.8	0.1	0.1	1.5	0.2

— Less than \$50 million. 0 Nil or negligible.

- ^a Comparable totals in tables III and IV differ slightly due to the fact that rounding was done at different stages of aggregation. The entry in the World column in table IV exceeds the sum of the components in some rows due to certain imports by Saudi Arabia that cannot be attributed to specific suppliers. See table II, footnote g.
- ^b The estimated dollar value of the Soviet Union's arms exports in this and the previous edition are revised and substantially larger than those in earlier editions. For further discussion, see Statistical Notes, Arms Transfers.
- ^c US arms transfers to the World and Developed categories include transfers to NATO agencies as such, which are not attributed to any region.

TABLE V. Number of Arms Delivered, Cumulative 1983-1987, By Selected Supplier,^a Recipient Developing Region,^b and Major Weapon Type

EQUIPMENT TYPE	SUPPLIER	TOTAL	SOVIET UNION	OTHER WARSAW PACT	UNITED STATES ^c	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OTHER DEVELOPING

ALL DEVELOPING RECIPIENTS^b

LAND ARMAMENTS

Tanks	8,325	3,615	840	1,213	125	275	87	1,690	25	455
Anti-Air Artillery ^d	3,309	1,620	170	84	25	—	55	940	125	290
Field Artillery ^e	14,803	4,155	150	1,673	255	45	5,345	1,020	615	1,575
Armored Personnel Carriers	17,155	7,775	1,355	2,190	1,000	125	1,090	1,315	140	2,165

NAVAL CRAFT

Major Surface Combatants ^f	103	28	4	4	11	10	31	2	—	13
Other Surface Combatants ^g	399	109	—	27	18	39	25	17	62	102
Submarines	19	9	—	—	—	—	7	2	—	1
Missile Attack Boats	32	8	—	—	4	—	6	14	—	—

AIRCRAFT

Combat Aircraft Supersonic	2,058	1,255	—	435	190	52	—	105	—	21
Combat Aircraft Subsonic	429	100	—	139	25	72	—	80	—	13
Other Aircraft ^h	1,679	410	215	145	70	34	290	25	175	315
Helicopters	1,649	910	100	235	230	13	86	—	10	65

MISSILES

Surface-to-Air	27,029	16,690	5,000	2,114	1,385	900	65	350	—	55
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AFRICA

LAND ARMAMENTS

Tanks	1,374	740	65	74	115	90	75	35	—	180
Anti-Air Artillery ^d	1,010	790	6	—	25	—	—	30	—	160
Field Artillery ^e	3,258	1,630	70	228	155	—	550	20	135	470
Armored Personnel Carriers	3,009	1,855	130	139	490	12	140	—	100	395

NAVAL CRAFT

Major Surface Combatants ^f	25	15	—	—	5	2	2	—	—	1
Other Surface Combatants ^g	92	16	—	5	14	18	12	2	—	25
Submarines	3	3	—	—	—	—	—	—	—	—
Missile Attack Boats	6	2	—	—	4	—	—	—	—	—

AIRCRAFT

Combat Aircraft Supersonic	438	380	—	18	3	20	—	12	—	5
Combat Aircraft Subsonic	46	2	—	—	20	8	—	7	—	9
Other Aircraft ^h	513	80	145	4	15	12	180	9	3	65
Helicopters	453	305	30	—	70	3	30	—	—	15

MISSILES

Surface-to-Air	7,099	6,165	—	494	150	200	65	—	—	25
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TABLE V. Number of Arms Delivered, Cumulative 1983-1987, By Selected Supplier,^a Recipient Developing Region,^b and Major Weapon Type — continued

SUPPLIER	TOTAL	SOVIET UNION	OTHER WARSAW PACT	UNITED STATES^c	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OTHER DEVELOPING
EQUIPMENT TYPE										

EAST ASIA

LAND ARMAMENTS

Tanks	542	165	265	82	—	—	—	30	—	—
Anti-Air Artillery ^d	475	285	—	60	—	—	10	50	30	40
Field Artillery ^e	1,229	200	—	672	2	—	300	20	—	35
Armored Personnel Carriers	1,342	410	—	485	12	50	260	100	—	25

NAVAL CRAFT

Major Surface Combatants ^f	14	3	—	2	—	3	4	—	—	2
Other Surface Combatants ^g	57	36	—	—	—	2	7	—	8	4
Submarines	—	—	—	—	—	—	—	—	—	—
Missile Attack Boats	—	—	—	—	—	—	—	—	—	—

AIRCRAFT

Combat Aircraft Supersonic	365	200	—	161	—	—	—	—	—	4
Combat Aircraft Subsonic	101	—	—	91	—	10	—	—	—	—
Other Aircraft ^h	209	35	—	12	15	2	30	—	95	20
Helicopters	218	35	60	72	45	—	6	—	—	—

MISSILES

Surface-to-Air	2,146	1,045	—	821	—	280	—	—	—	—
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LATIN AMERICA

LAND ARMAMENTS

Tanks	610	585	—	—	—	—	—	—	25	—
Anti-Air Artillery ^d	285	210	—	—	—	—	—	—	45	30
Field Artillery ^e	864	510	55	174	—	—	—	—	—	125
Armored Personnel Carriers	754	450	—	4	80	—	80	—	—	140

NAVAL CRAFT

Major Surface Combatants ^f	30	1	—	—	—	2	19	—	—	8
Other Surface Combatants ^g	60	33	—	12	2	7	—	—	—	6
Submarines	6	1	—	—	—	—	5	—	—	—
Missile Attack Boats	—	—	—	—	—	—	—	—	—	—

AIRCRAFT

Combat Aircraft Supersonic	92	30	—	36	15	—	—	—	—	11
Combat Aircraft Subsonic	52	—	—	48	—	4	—	—	—	—
Other Aircraft ^h	419	55	5	92	30	7	65	—	20	145
Helicopters	349	120	5	124	50	—	40	—	—	10

MISSILES

Surface-to-Air	1,785	1,580	—	—	—	180	—	—	—	25
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TABLE V. Number of Arms Delivered, Cumulative 1983-1987, By Selected Supplier, ^a Recipient Developing Region, ^b and Major Weapon Type — continued

SUPPLIER	TOTAL	SOVIET UNION	OTHER WARSAW PACT	UNITED STATES ^c	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OTHER DEVELOPING
EQUIPMENT TYPE										
NEAR EAST										
LAND ARMAMENTS										
Tanks	4,194	870	510	857	10	180	12	1,475	—	280
Anti-Air Artillery ^d	1,419	205	165	24	—	—	45	865	50	65
Field Artillery ^e	4,049	750	30	414	70	40	440	985	440	880
Armored Personnel Carriers	8,904	2,360	1,225	1,462	420	12	605	1,215	—	1,605
NAVAL CRAFT										
Major Surface Combatants ^f	22	4	—	—	6	2	6	2	—	2
Other Surface Combatants ^g	161	18	—	10	2	11	6	8	53	53
Submarines	6	3	—	—	—	—	—	2	—	1
Missile Attack Boats	18	6	—	—	—	—	6	6	—	—
AIRCRAFT										
Combat Aircraft Supersonic	896	470	—	180	120	35	—	90	—	1
Combat Aircraft Subsonic	133	80	—	—	5	40	—	4	—	4
Other Aircraft ^h	315	75	50	33	5	—	7	—	60	85
Helicopters	389	220	5	29	70	10	10	—	10	35
MISSILES										
Surface-to-Air	14,469	7,080	5,000	799	1,230	240	—	120	—	—
SOUTH ASIA										
LAND ARMAMENTS										
Tanks	1,605	1,255	—	200	—	—	—	150	—	—
Anti-Air Artillery ^d	130	130	—	—	—	—	—	—	—	—
Field Artillery ^e	1,415	1,065	—	185	—	10	55	—	35	65
Armored Personnel Carriers	2,890	2,700	—	100	—	50	—	—	40	—
NAVAL CRAFT										
Major Surface Combatants ^f	12	5	4	2	—	1	—	—	—	—
Other Surface Combatants ^g	29	6	—	—	—	1	—	7	1	14
Submarines	4	2	—	—	—	—	2	—	—	—
Missile Attack Boats	8	—	—	—	—	—	—	8	—	—
AIRCRAFT										
Combat Aircraft Supersonic	265	175	—	40	50	—	—	—	—	—
Combat Aircraft Subsonic	93	15	—	—	—	8	—	70	—	—
Other Aircraft ^h	233	170	15	4	6	13	10	15	—	—
Helicopters	245	230	—	10	1	—	—	—	—	4
MISSILES										
Surface-to-Air	1,052	820	—	—	2	—	—	230	—	—

TABLE V. Number of Arms Delivered, Cumulative 1983-1987, By Selected Supplier,^a Recipient Developing Region,^b and Major Weapon Type — continued

EQUIPMENT TYPE	SUPPLIER	TOTAL	SOVIET UNION	OTHER WARSAW PACT	UNITED STATES ^c	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OTHER DEVELOPING

— Nil

^a Suppliers include the five largest exporters of major weapons, as well as other major groups.

^b Totals include the "developing" countries, as previously listed in Table III, with the exception of Albania, Bulgaria, Greece, Malta, Spain, Turkey, and Yugoslavia.

^c U.S. data are by fiscal years 1983-1987, while other suppliers' data are by calendar years 1983-1987.

^d Air defense artillery includes weapons over 23mm.

^e Field artillery includes mobile rocket launchers, mortars, and recoilless rifles over 100mm.

^f Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates.

^g Other surface combatants include motor torpedo boats, subchasers, and minesweepers.

^h Other aircraft include reconnaissance aircraft, trainers, transports, and utility aircraft.

Statistical Notes

These notes define the various country groupings and variables employed in the Statistical Tables, describe the sources of data, and explain the methods used in handling the data. The aim is to alert the reader to the major qualifications applying to the data, much of which is not as accurate and reliable as uniform presentation in statistical tables may imply. This is particularly true of the data on military expenditures and arms transfers, which in many countries are subject to severe limitations of incompleteness, ambiguity, or total secrecy.

Coverage and Groups of Countries

The statistical tables report data for 144 countries, including most members of the United Nations as well as nonmembers North and South Korea, Switzerland, and Taiwan. UN members not covered are generally small and not considered militarily significant; relevant data for them are frequently unavailable.¹ This edition of WMEAT is the first to contain no new countries—that is, countries which gained independence within the reported year span (1977–1987)—and to drop South Vietnam, which ceased to exist in 1975.

Countries are grouped into normally defined *geographical regions* with the following exceptions: North America consists only of the United States and Canada; Mexico is included in Latin America together with Central and South American countries; Egypt is assigned to the Middle East rather than to Africa; and Oceania includes only Australia, New Zealand, Papua New Guinea, and Fiji. A full listing of specific countries in each region may be found in Main Statistical Table III.

The following political and economic groups are included: NATO, the Warsaw Pact, OPEC, and OECD. *NATO (North Atlantic Treaty Organization)* consists of Belgium, Canada, Denmark, France, West Germany, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the United Kingdom, and the United States. Spain joined in 1982, and its membership

has since been affirmed, but because its participation is limited and still evolving, Spain is not yet included. France also limits its military participation (since 1966), but is traditionally associated with NATO and is therefore here included. The *Warsaw Pact* consists of Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, and the Soviet Union. *OPEC (Organization of Petroleum Exporting Countries)* includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. *OECD (Organization for Economic Cooperation and Development)* comprises the NATO countries and Australia, Austria, Finland, Ireland, Japan, New Zealand, Spain, Sweden, and Switzerland.

The 28 countries classed as *developed* in this publication include: all members of NATO except Greece and Turkey; all Warsaw Pact members except Bulgaria; Austria, Finland, Ireland, Sweden, and Switzerland in Other Europe; and Australia, Japan, New Zealand, and South Africa. All other nations are classed as *developing*. For non-communist countries, assignment to one or the other category follows the practice employed by the Development Assistance Committee of the OECD. This assignment is based partly on gross national product (GNP) per capita, but also reflects factors such as literacy rates, mortality rates, and levels of industrialization.

The grouping of *communist* countries is used in Main Statistical Table IV and in the Highlights. This group includes the Warsaw Pact countries, Albania, Cambodia, Mainland China, Cuba, Laos, Mongolia, North Korea, Vietnam, and Yugoslavia. Together with Bulgaria of the Warsaw Pact, all of the above listed communist countries are considered to be developing.

Most of the data are for calendar years. For some countries, however, expenditure data are available only for fiscal years which diverge from calendar years. In such cases, the fiscal year which contains the most months of a given calendar year is assigned to that year; e.g., data for the fiscal year April 1977 through March 1978 would be shown under 1977. Fiscal years ending on June 30 are normally listed in the calendar year in which they end.

¹ The UN member countries not covered are Antigua and Barbuda, the Bahamas, Belize, Bhutan, Brunei, Comoros, Djibouti, Dominica, Grenada, Maldives, Montserrat, Saint Christopher and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Seychelles, Solomon Islands, Vanuatu, and Western Samoa. Also excluded are: nonmember countries Andorra, Kiribati, Liechtenstein, Monaco, Nauru, San Marino, Tonga, and Vatican City; the territories with unresolved sovereignty of Namibia and Western Sahara; the dependencies and areas of special sovereignty of Bermuda, Hong Kong, Macau, Puerto Rico, and numerous others, many being very small islands in the Atlantic and Pacific Oceans.

Sources and Definitions

Military Expenditures

For NATO countries, military expenditures were obtained from NATO publications and are based on the NATO definition. In this definition, (a) civilian-type expenditures of the defense ministry are excluded and military-type expenditures of other ministries are included; (b) grant military assistance is included in the expenditures of the donor country; and (c) purchases of military equipment for credit are included at the time the debt is incurred, not at the time of payment.

For other non-communist countries, data are generally the expenditures of the ministry of defense. When these are known to include the costs of internal security, an attempt is made to remove these expenditures. In view of the recent deemphasis of the collection of such data by the Agency for International Development (AID), a major source of data for these countries in the past, a number of other sources have also been consulted. These include the *Government Finance Statistics Yearbook*, issued by the International Monetary Fund, and the publications and files of other US government agencies.

It should be recognized by users of the statistical tables that the military expenditure data are of uneven accuracy and completeness. For example, there are indications or reasons to believe that the military expenditures reported by some countries consist mainly or entirely of recurring or operating expenditures and omit all or most capital expenditures, including arms purchases. In the case of several countries (Algeria, Chile, Cuba, Ecuador, Egypt, Honduras, Iraq, Iran, Libya, and Syria), special note of this possibility is made in Table I.

In some of these cases (as indicated in the footnotes of Table I), it is believed that a better estimate of total military expenditures is obtained by adding to nominal military expenditures the value of arms imports (as shown in Table II and converted to local currency by current exchange rates). It must be cautioned, however, that this method may over- or underestimate the actual expenditures in a given year due to the fact that payment for arms may not coincide in time with deliveries, which the data in Table II reflect. Also, in some cases arms acquisitions may be financed by, or consist of grants from, other countries.

In Statistical Table I, the symbol "E" denotes rough estimates such as those described above and others made on the basis of partial or uncertain data.

In subsequent editions of this report, we hope to be able to make further improvements in the quality of the military expenditure data presented for countries throughout the world. This will be difficult to achieve without better reporting by the countries themselves. As stated in a recent article examining the problems of accounting for such expenditures, "There is growing evidence that important

amounts of security expenditures may not enter the accounts or the national budgets of many developing countries."² Among the common mechanisms used to obscure such expenditures, according to this article, are: double-bookkeeping, use of extra-budgetary accounts, highly aggregated budget categories, military assistance, and manipulation of foreign exchange.

Particular problems arise in estimating the military expenditures of communist countries due to the exceptional scarcity and ambiguity of released information. As in the past eleven editions of this publication, data on Soviet military expenditures are based on Central Intelligence Agency (CIA) estimates of what it would cost in the United States in dollars to develop, procure, staff and operate a military force similar to that of the Soviet Union.³ Estimates of this type—that is, those based entirely on one country's price pattern—generally overstate the relative size of the second country's expenditures in intercountry comparisons.⁴ Also, such estimates are not consistent with the methods used here for converting other countries' expenditures into dollars.⁵

Nevertheless, the basic CIA estimates are the best available for present purposes; in fact, there are no

² Nicole Ball, "Measuring Third World Security Expenditure: A Research Note," *World Development*, February 1984, pp. 157-164 (Pergamon Press, London).

³ See CIA, *Soviet and US Defense Activities, 1971-80: A Dollar Cost Comparison*, January 1981. The CIA dollar estimates as shown in this source have been updated and augmented by estimated retirement pay at US rates in order to improve comparability with expenditures by NATO countries, which include retirement pay.

⁴ This tendency is widely recognized in both government and nongovernment circles. For detailed commentaries by academic and government witnesses on this and other problems in estimating and comparing Soviet military expenditures, see the Hearings before the Subcommittee on Priorities and Economy in Government, Joint Economic Committee, Congress of the United States, "Allocation of Resources in the Soviet Union and China—1980," Part 6; "...1981," Part 7; "...1982," Part 8; and "...1983," Part 9 (Ninety-Sixth through Ninety Eighth Congresses). See also Hearing before the Subcommittee on Oversight of the Permanent Select Committee on Intelligence, Congress of the United States, "CIA Estimates of Soviet Defense Spending," Ninety-Sixth Congress, Second Session; Donald F. Burton, "Estimating Soviet Defense Spending," *Problems of Communism*, March-April 1983; and Richard F. Kaufman, "Causes of the Slowdown in Soviet Defense" (with comments by others), *Soviet Economy*, January-March 1985.

⁵ An alternative series employing the same basic data but reflecting both the US and Soviet price patterns was provided in previous editions of this publication. See table captioned "Alternative Estimates of Soviet Military Expenditures," *World Military Expenditures and Arms Transfers, 1969-1978*, p.27; and the essay, "Soviet Military Expenditures," *World Military Expenditures and Arms Transfers, 1968-1977*, pp. 13-19.

alternative estimates available that can inspire equal confidence and have the capability to detect relatively small changes over time, such as the recent slowdown in Soviet military spending that the CIA estimates have indicated.

For Warsaw Pact countries other than the Soviet Union, the estimates of military expenditures are from Thad P. Alton *et al.*⁶ The military expenditures shown here refer only to the officially announced state budget expenditures on national defense. These figures understate total military expenditures in view of defense outlays by non-defense agencies of the central government, local governments, and economic enterprises. Possible subsidization of military procurement may also cause understatement. The dollar estimates were derived by calculating pay and allowances at the current full US average rates for officers and for lower ranks. After subtraction of pay and allowances, the remainder of the official defense budgets in national currencies was converted into dollars at overall rates based on comparisons of the various countries' GNPs expressed in dollars and in national currencies. The rates are based in part on the purchasing power parities estimated by the International Comparison Project of the United Nations. These conversion rates are not as specific as might be desired and, when the problems mentioned above are taken into account, the resulting estimates must be considered subject to limitations. Another omission in all Warsaw Pact data is that the nonpersonnel component of military assistance is not covered.

Data used here for China are based on US Government estimates of the yuan costs of Chinese forces, weapons, programs and activities.⁷ Costs in yuan are here converted to dollars using the same estimated conversion rate as used for GNP (see below). Due to the exceptional difficulties in both estimating yuan costs and converting them to dollars, comparisons of Chinese military spending with other data should be treated as having a wide margin of error.

Other sources used include the *Government Finance Statistics Yearbook* issued by the International Monetary Fund, the *SIPRI Yearbook: World Armaments and Disarmament* issued by the Stockholm International Peace Research Institute, *The Military Balance* issued by the

International Institute for Strategic Studies, and *The World Factbook*, produced annually by the Central Intelligence Agency.

Gross National Product (GNP)

GNP represents the total output of goods and services produced by residents of a country and valued at market prices. The source of GNP data for most non-communist countries is the International Bank for Reconstruction and Development (World Bank).

For a number of countries whose GNP is dominated by oil exports, the World Bank's estimates of deflated (or constant price) GNP in domestic currencies tend to understate increases in the monetary value of oil exports, and thus of GNP, resulting from oil price increases. These World Bank estimates are designed to measure real (or physical) product. An alternative estimate of constant-price GNP was therefore obtained using the implicit price deflator⁸ for US GNP (for lack of a good national deflator). This was considered appropriate because a large share of the GNP of these countries is realized in US dollars. These countries are Bahrain, Kuwait, Libya, Oman, Qatar, Saudi Arabia, and the United Arab Emirates. In the cases of Iraq and Iran, where oil exports are also large but constitute a smaller share of total GNP, oil exports in current dollars were deflated by the US GNP deflator while the remainder of GNP was deflated by the domestic consumer price index (for lack of a broader index). After reconverting the deflated oil export values into domestic currency, the two portions were summed to obtain total constant price GNP.

GNP estimates of the Soviet Union are by the CIA, as published in its *Handbook of Economic Statistics 1988* and updated. GNP data for other Warsaw Pact countries are an updated and substantially revised version of estimates in "East European Military expenditures, 1965-1978" by Thad P. Alton and others, *op cit*.

GNP data for China are based on World Bank estimates in yuan. These are in line with estimates of GDP in Western accounting terms made by Chinese authorities. Conversion to dollars is a highly uncertain matter, however. A careful survey of various recent estimates of yuan purchasing power parities concludes that it is not even possible to select a preferred estimate. However, this survey does report a kind of benchmark estimate for an overall yuan/dollar purchasing power parity, which serves as the basis for the conversion rate employed here.⁹ This estimate is published in a Chinese source and is based on actual Chinese trade

⁶ The estimates are updates and substantial revisions of those in their article, "East European Military Expenditures, 1965-1978," (published in the Joint Economic Committee of Congress Compendium, *East European Economic Assessment*, Part 2, July 10, 1981, pp. 409-433) and particularly in their most recent Occasional Papers, Nos. 100-104 (published by the Research Project on National Income in East Central Europe).

⁷ Edward P. Parris, *Chinese Estimated Expenditures, 1967-83*, (Defense Intelligence Agency), November 1984. See also the series of Hearings before the Subcommittee on Priorities and Economy in Government of the Joint Economic Committee, US Congress, "Allocation of Resources in the Soviet Union and China."

⁸ The implicit price deflator is the ratio of GNP in current prices to GNP in constant prices.

⁹ Jeffrey Taylor, "China's Price Structure In International Perspective," Center for International Research Staff Paper No. 22, U.S. Bureau of the Census, June 1986. The new Chinese

statistics. It serves as the basis for the yuan conversion rate employed since *WMEAT 1986*. This new conversion rate is substantially higher than that used in *WMEAT 1985*. As a result, dollar value estimates for China in the last three issues of *WMEAT* are substantially lower than those in the 1985 issue.

GNP estimates for a few non-communist countries are from the CIA's *Handbook of Economic Statistics* cited above. Estimates for the other communist countries are rough approximations.

Military-Expenditures-to-GNP Ratio

It should be noted that the meaning of the ratio of military expenditures to GNP, shown in Table I, differs somewhat between most communist countries and non-communist countries. For non-communist countries, both military expenditures and GNP are converted from the national currency unit to dollars at the same exchange rate; consequently, the ratio of military expenditures to GNP is the same in dollars as in the national currency and reflects national relative prices. For communist countries, however, military expenditures and GNP are converted differently. Soviet military expenditures, as already noted, are estimated in a way designed to show the cost of the Soviet armed forces in US prices, e.g., as if purchased in this country. On the other hand, the Soviet GNP estimates used here are designed to show average relative size when both US and Soviet GNP are valued and compared at both dollar and ruble prices. The Soviet ratio of military expenditures to GNP in ruble terms, the preferred method of comparison, is estimated to have been between 15 and 17% in recent years.

For Eastern European countries, the ratios of military expenditures to GNP in dollars are about twice the ratios that would obtain in domestic currencies. (See Alton and others, *op. cit.*) However, since official military budgets in these countries probably substantially understate their actual military expenditures, the larger ratios based on dollar

estimates are believed to be the better approximations of the actual ratios.

Central Government Expenditures (CGE)

These expenditures include current and capital (developmental) expenditures plus net lending to government enterprises, by central (or federal) governments. A major source is the International Monetary Fund's *Government Finance Statistics Yearbook*. The category used here is "Total Expenditures and Lending minus Repayment, Consolidated Central Government."

Other sources for these data are the International Monetary Fund monthly, *International Financial Statistics*; OECD, *Economic Surveys*; and CIA, *The World Factbook* (annual). Data for Warsaw Pact countries are from national publications and are supplied by Thad P. Alton and others. For all Warsaw Pact countries and China, conversion to dollars is at the implicit rates used for calculating dollar estimates of GNP.

For all countries, with the same exceptions as noted above for the military-expenditures-to-GNP ratio, military expenditures and central government expenditures are converted to dollars at the same rate; the ratio of the two variables in dollars thus remains the same as in national currency.

It should be noted that for the Soviet Union, China, Iran, Jordan, and possibly others, the ratio of military expenditures to central government expenditures may be overstated, inasmuch as the estimate for military expenditures is obtained at least in part independently of nominal budget or government expenditure data, and it is possible that all estimated military expenditures do not pass through the nominal central government budget.

Population

Population estimates are for midyear and are made available to ACDA by the US Bureau of the Census.

Armed Forces

Armed forces refer to active-duty military personnel, including paramilitary forces if those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included unless specifically noted.

Figures for the United States and all other NATO countries are as reported by NATO.

Estimates of the number of personnel under arms for other countries were provided by US Government sources. The armed forces series for the Soviet Union was revised for all years several editions ago. It now includes all special forces judged to have national security missions (e.g., KGB border guards) and excludes uniformed forces primarily

(Footnote 9 continued)

benchmark parity is said to be derived as the ratio of the sum of China's imports and exports in yuan at domestic prices to the sum of the same at world prices in dollars. The parity is calculated by the source for 1979 and 1980 and moved to 1981 to yield a parity of 2.23 yuan/dollar. This parity is here further moved to 1987 by the ratio of the implicit GNP deflator for China (per World Bank data) to the same for the United States (per U.S. Department of Commerce). It is then used to produce dollar values in the same manner as the 1987 exchange rate for other countries. (See below, Conversion of National Currencies to Dollars.) The new parity compares to that of 1.46 yuan/dollar for 1981 used in *WMEAT 1985*. For a review of Chinese GNP and related data, see Jeffrey R. Taylor, "National Income Accounts of the People's Republic of China," Center for International Research Staff Paper, U.S. Bureau of the Census, (forthcoming).

performing noncombatant services (construction, railroad, civil defense, and internal security troops).

Arms Transfers

Arms transfers (arms imports and exports) represent the international transfer (under terms of grant, credit, barter or cash) of military equipment, usually referred to as "conventional," including weapons of war, parts thereof, ammunition, support equipment, and other commodities designed for military use. Among the items included are tactical guided missiles and rockets, military aircraft, naval vessels, armored and nonarmored military vehicles, communications and electronic equipment, artillery, infantry weapons, small arms, ammunition, other ordnance, parachutes, and uniforms. Dual use equipment, which can have application in both military and civilian sectors, is included when its primary mission is identified as military. The building of defense production facilities and licensing fees paid as royalties for the production of military equipment are included when they are contained in military transfer agreements. There have been no international transfers of purely strategic weaponry. Excluded are foodstuffs, medical equipment, petroleum products and other supplies. Military services such as construction, training, and technical support are not included for the United States, whose services consist mainly of construction (primarily for Saudi Arabia).¹⁰ Military services of other countries, which are normally of a much smaller magnitude, are included.

The statistics contained in Tables I and II are estimates of the value of goods actually delivered during the reference year, in contrast both to the value of programs, agreements, contracts, or orders which may result in future deliveries, and to payments made during the period. However, data on arms transfer agreements are presented in Table IV. Both deliveries and agreements data represent arms transfers to governments and do not include the value of arms obtained by subnational groups.

Figures for the US are for fiscal years and are obtained from official trade statistics on military transfers compiled by the US Departments of Defense and State. The US data include commercial deliveries of items on the US Munitions Control List, some of which may be intended for civilian rather than military use. Data on US arms agreements shown here in Table IV have the same coverage (materiel) as deliveries data and, therefore, exclude an estimate of agreements for services. Commercial agreements are here taken to equal deliveries, since agreements data as such are not available and data on commercial licenses issued are not considered sufficiently indicative.

Data on countries other than the United States are estimates by US Government sources. Arms transfer data for the Soviet Union and other communist countries are approximations based on limited information.¹¹

The estimates of Soviet arms transfers in value terms used in this and the previous edition have been revised upward substantially from earlier editions. The revisions generally do not affect underlying estimates of the number, type, or value of major military equipment deliveries, but rather the estimated dollar value of supporting materiel deliveries, particularly those to countries engaged in ongoing hostilities. The increases in the estimated annual value of Soviet arms transfers, which have been revised back to 1977, are on the order of 40-50 percent.

¹⁰ US Foreign Military Sales deliveries of military construction and other services to various recipient groups in recent years, in billions of current dollars, were as follows:

	Construction	Other Services	Total
(Fiscal Years)			
	WORLD		
1983	2.16	2.97	5.13
1984	1.48	2.55	4.03
1985	0.92	1.89	2.81
1986	0.57	2.69	3.26
1987	0.27	2.84	3.11
	DEVELOPED		
1983	negl.	0.52	0.52
1984	negl.	0.58	0.58
1985	negl.	0.56	0.56
1986	negl.	0.64	0.64
1987	negl.	0.77	0.77
	DEVELOPING		
1983	2.16	2.45	4.61
1984	1.48	1.97	3.45
1985	0.92	1.33	2.25
1986	0.57	2.05	2.62
1987	0.27	2.07	2.34
	Of Which: — Saudi Arabia		
1983	2.15	1.88	4.03
1984	1.47	1.43	2.90
1985	0.90	0.76	1.66
1986	0.55	1.32	1.87
1987	0.24	1.23	1.47
	— Other Developing		
1983	negl.	0.58	0.58
1984	negl.	0.54	0.55
1985	0.02	0.57	0.59
1986	0.03	0.72	0.75
1987	0.03	0.84	0.87

Source: Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales and Military Assistance Facts As of September 30, 1987*, Data Management Division, Comptroller, DSAA, (n.d.).

¹¹ Soviet arms transfers and foreign trade data are taken from sources which present them directly in dollars; hence, particular caution should be used in comparing these statistics for arms transfers and foreign trade with other Soviet data.

It should be noted that the arms transfer estimates for the most recent year, and to lesser extents for several preceding years, tend to be understated. This applies to both foreign and US arms exports. In the former case, information on transfers, which comes from a variety of sources, is sometimes acquired and processed with a considerable time lag. In the US case, commercial arms transfer licenses are now valid for two years rather than one, causing a delay in the reporting of deliveries made on them to statistical agencies. Data for 1987 and 1986 in Main Statistical Tables II, III, and IV, therefore, can be expected to undergo some upward revision in succeeding issues.

Close comparisons between the estimated values shown for arms transfers and for GNP and military expenditures are not warranted. Frequently, weapons prices do not reflect true production costs. Furthermore, much of the international arms trade involves offset or barter arrangements, multiyear loans, discounted prices, third-party payments, and partial debt forgiveness. Acquisition of armaments thus may not impose the burden on an economy, in the same or in other years, that is implied by the estimated equivalent US dollar value of the shipment. Therefore, the value of arms imports should be compared to other categories of data with care.

Total Imports and Exports

The values for imports and exports cover merchandise transactions. Those for non-communist countries come from *International Financial Statistics* published by the IMF. The Communist trade figures are from the CIA *Handbook of Economic Statistics*, 1988 edition.

Conversion of National Currencies to Dollars

All value data in the report are expressed in US dollars. For most countries, this requires the conversion into dollars of amounts expressed in national currencies at current (or "then-year") prices. Available methods for doing so are less than satisfactory in all respects. The approach adopted in this series of reports relies on market or par exchange rates. In this method, current-price national currency data for an entire series of years is converted to current U.S. dollars through the use of a single (base-year) exchange rate and two price indexes, one national and one U.S.

Basic Steps

The conversion approach used here consists essentially of three steps:

- a) Each country's data, expressed originally in the national currency and at current prices, are "deflated" or put into constant-price terms, usually by means of the country's

implicit deflator for GNP as a whole. This GNP price index is used for other variables—military and central government expenditures—because more appropriate price indices for those sectors are not generally available. National currency data for all years are expressed in prices of the conversion base year (1987 in this issue).

- b) These data are then divided by the exchange rate for the base year between the national currency and the US dollar and thus converted into constant base-year (1987) dollars. Exchange rates are provided by the World Bank and are usually the annual average par/market rate, (the "rf" rate as designated by the International Monetary Fund).

- c) Data in constant dollars are then expressed in current dollars by multiplying by the US implicit GNP deflator.

The calculation may be illustrated by an example, assuming the following data:

1975 national military expenditures, in national currency at current (1975) prices4,600

1975 implicit GNP deflators (1987 = 100):
National55.5
US77.7

1987 exchange rate, national currency units per dollar15.92

Then, 1975 national military expenditures:

In constant 1987 dollars = $4,600 \div .555 \div 15.92 = 520.6$
In current (1975) dollars = $520.6 \times .777 = 404.5$

Advantages and Disadvantages

The use in this report of the same rate for converting all variables from national currencies to US dollars (with the exceptions noted below) has the virtue that the relationships among variables in national currency terms remain the same when those variables are expressed in dollars.

This method has an advantage in that it takes into account national differences in the behavior of prices and, within each edition, avoids the distorting effect that can result from changes in exchange rates during the decade. It does not, however, allow for a number of other factors. One is that any within-country differences between the price indexes for military or central government expenditures and for GNP are not taken into account. For example, indexes for compensation of military personnel or prices of imported arms might behave differently from the overall index.

A more serious problem is that exchange rates in many cases do not adequately reflect the relative purchasing power of currencies. This has been demonstrated by a detailed study of purchasing power parities (PPPs) for the GNPs of a large number of countries.¹² This study found that the greater the disparity in the per capita income of countries, the greater the tendency for exchange rates to understate the value of the poorer country's product, and that the understatement can be very large, reaching as much as threefold in some cases. However, since this study did not estimate PPPs for military expenditures as such, it does not shed much light on how PPPs specific to military expenditures or arms purchases might differ from exchange rates or from either overall or other specific-sector PPPs.¹³

Impacts of Shift to 1987 Exchange Rates

A disadvantage of the method used here in *WMEAT* is that the resulting conversion to current dollars for a given year can vary from edition to edition, despite the absence of any change in data for that year itself. The change is due solely to the rolling up of the exchange rate base year so as to make it more up-to-date, which usually means a change in the exchange rate used.

Such changes have been exceptionally large and frequent in the present edition. This is due to two major factors: (1) the change from an appreciating and overvalued U.S. dollar until 1985, to a depreciating one and (2) the very high inflation rates and concomitantly large exchange-rate movements occurring in a number of developing countries, together with the tendency of the latter to undercompensate or overcompensate for relative price movements.

In *WMEAT 1987*, which used 1984 as the exchange rate base year, the dollar tended to be overvalued, especially with respect to many developed countries. As a consequence, the dollar value of these other countries' expenditures (or GNP) was understated. With the rapid depreciation of the dollar vis-a-vis these countries in 1986 and 1987, their expenditures in 1987 dollar terms rose substantially relative to the U.S. amounts.

Some indication of the degree of change can be obtained by simply comparing values for the same

year—say, 1985—as presented in *WMEAT 1987* in 1984 dollars and in the present edition in 1987 dollars. However, this comparison is affected (to an uncertain extent and direction) by revisions that have occurred between editions in the underlying national currency series. Furthermore, the dollar inflated by about 9 percent from 1984 to 1987. A better indication is given by a comparison of values in 1987 dollars as presented here with the same national data as converted into dollars at the exchange rates prevailing in 1984 after adjustment for relative price movements in the particular country and the U.S. between 1984 and 1987. The adjusted 1984 exchange rate is simply the original 1984 rate times the ratio of the national to the US price index (that is, implicit GNP deflator index, base year = 1984).

Such a comparison is made in the accompanying table showing the ratio of 1987 GNP at 1987 exchange rates to 1987 GNP at price-adjusted 1984 rates. This table shows that at 1987 exchange rates, total world GNP is 15 percent higher than it would have been if the exchange rates prevailing in 1984 had continued in effect and reacted solely to price movements in each country. This comparison, however, includes communist countries, of which the largest are converted by estimated PPPs rather than exchange rates. Since price-adjusted 1984 PPPs and 1987 PPPs are equal, there is no change in the GNPs of these countries, which accounted for 21 percent of world GNP in 1987. The world-wide GNP change is produced by exchange rate changes in the non-communist countries. The total GNP of this group is 19 percent higher at 1987 exchange rates.

Ratio $\frac{1987 \text{ GNP at '87 Exchange Rate}}{1987 \text{ GNP at '84 Adjusted Rate}}$

	Average for All Countries		Average for Non-communist	
	Weighted	Simple	Weighted	Simple
World	1.15	1.11	1.19	1.12
Developed	1.18	1.31	1.24	1.39
Developing	1.03	1.06	1.05	1.06
Africa	0.82	1.02	(Same as at left)	
East Asia	1.32	1.01	1.41	1.02
Industrialized	—	—	1.49	1.16
Other	—	—	0.80	0.91
Europe	1.24	1.31	1.49	1.43
NATO	1.47	1.42	(Same as at left)	
Warsaw Pact	1.00	1.00	—	—
Other	1.49	1.39	1.51	1.47
Latin America	0.94	1.15	0.94	1.16
Middle East	1.28	1.09	(Same as at left)	
North America	1.00	1.00	" "	
Oceania	0.96	1.08	" "	
South Asia	1.01	0.96	" "	
NATO, All	1.17	1.37	" "	
OPEC	0.98	0.96	" "	
OECD	1.24	1.39	" "	

¹² These PPPs have been estimated by the United Nations International Comparisons Project, a cooperative undertaking of the United Nations, the World Bank and the University of Pennsylvania. See Irving Kravis, Alan Heston, and Robert Summers, *World Product and Income: International Comparisons of Real Gross Product*, published for the World Bank by the Johns Hopkins University Press, Baltimore and London, 1982.

¹³ A United Nations expert group study of the feasibility of constructing purchasing power parities and price indices for military expenditures has recently been completed (A/40/421, 13 August 1985). However, practical prospects for the future availability of usable military PPPs are poor due to the lack of underlying national data, especially on military prices.

Within the non-communist grouping, however, large variation in differences occurred. Some of the differences can be seen in the table above. To illustrate the effect of large-country weighting of the results, the data show both the weighted average ratio (calculated as the ratio of the sum of GNP at the 1987 valuation to the sum at the 1984 valuation) and the unweighted average ratio (calculated as the simple average of individual country ratios).

The data show that the increase in dollar value occurred primarily in the developed non-communist countries, which increased by 39 percent in the simple average ratio, or 24 percent in the weighted. Non-communist Other Europe increased by around 50 percent. The developing countries increased much less, only 3 to 6 percent on the average. Considerable difference occurred among developing regions, however. For example, in Africa, the weighted average even dropped considerably and in non-communist East Asia, the countries other than the industrialized ones (Japan, South Korea, Taiwan, and Singapore) dropped in both types of average ratios.

The disparities in movement were much larger for individual countries. Many of the developed non-communist countries of Western Europe and Japan had ratios on the order of 1.4 to 1.6, whereas many developing countries had ratios under 1.0, indicating a drop in value.

As the following selection of country ratios shows, the extreme ratios ranged from 7.5 to 0.2.

High	Low
Nicaragua.....7.54	Nigeria.....0.22
Iran.....1.62	Bolivia.....0.39
Senegal.....1.61	Dominican Republic ..0.42
Austria.....1.60	Tanzania0.43
West Germany.....1.56	Ghana0.52
Japan1.55	Indonesia0.68
Niger1.53	

These country ratios illustrate the second factor mentioned above, high inflation in some developing countries together with non-matching exchange-rate changes, which has produced some anomolous results. Thus, it will be noted that Nicaragua shows a nearly eight-fold increase in GNP. This results from an extremely high 58-fold increase in prices from 1984 to 1987 (compared to 9% in the U.S.), together with only a 7-fold increase in the exchange rate, instead of the 53-fold increase that would have been needed to maintain the 1984 parity. Bolivia, on the other hand, also had high inflation—406-fold in 1984-1987—but its exchange rate more than compensated with a 944-fold increase. This resulted in a sharp devaluation of the Bolivian currency in dollar terms.

The above table also illustrates the influence of large countries on group averages. In East Asia, for example, Japan's large weight and large change ratio helps make the weighted ratio of GNPs 1.32 while the simple average is

1.01. It should be noted that these shifts in the relative weight of countries have an effect on other average relative indicators, such as the military expenditures-to-GNP ratio. Since these ratios are also calculated in Table I as the ratio of the sums in dollars of the respective variables, they are in effect weighted average ratios with the weighting factor being the denominator variable. The following table compares the average ME/GNP ratio in 1987 for selected groups calculated as the (weighted) ratio of the aggregates in 1987 dollars and in 1984 dollars and as a simple, unweighted average of the country ratios obtaining in national currencies. In this case, Japan's large weight and low ME/GNP ratio helps make the East Asia weighted ratio 2.5 or less compared to the 7.2 simple ratio.

	1987 ME/GNP Ratio, Calculated As:		
	Ratio of Aggregates (weighted average)		Simple Average of Country Ratios
	1987 Dollars	1984 Dollars	
World	5.4	5.7	5.1
Developed	5.5	6.0	3.7
Developing	5.1	4.7	5.4
Africa	4.3	3.6	3.4
East Asia	2.1	2.5	7.2
Europe	6.3	7.0	4.0
NATO	3.5	3.5	3.1
Warsaw Pact	10.8	10.8	7.7
Other	2.2	2.2	2.3
Latin America	2.0	1.6	3.0
Middle East	14.3	11.3	11.0
North America	6.2	6.2	4.4
Oceania	2.5	2.5	1.9
South Asia	4.1	4.2	4.6
NATO, All	4.9	5.2	3.3
OPEC	8.4	6.9	11.0
OECD	4.0	4.4	2.8

Exceptions

There are several exceptions to the general conversion procedures discussed above. Data on arms transfers in value terms for all countries are obtained by this Agency already expressed in current dollars. (Original data in foreign currencies have generally been converted by the source at current exchange rates.) These current dollars are converted to constant 1987 dollars in the manner shown above. For the Soviet Union, GNP estimates in rubles are converted by the source into constant dollars at what is in effect an average US-and-Soviet-weighted PPP for GNP as a whole. This same conversion rate is also used for Soviet central government expenditures. Soviet military expenditures are in effect converted by the source at a military-sector PPP using only Soviet weights. (See also the discussion of Military Expenditures, above).

For other Warsaw Pact countries and China, the

available estimates for GNP and military expenditures are also already in terms which accounted for domestic price changes and have been converted to constant dollars using estimated purchasing power parities, rather than official exchange rates.

It may be noted that in all cases the relationship between current and constant dollars in this report is determined entirely by the US GNP deflator index. To facilitate reconversion to other constant-dollar bases if desired, this index, rebased here to 1987=100, is as follows:

1977	57.18	1982	84.98
1978	61.37	1983	88.27
1979	66.77	1984	91.56
1980	72.85	1985	94.29
1981	79.85	1986	96.83

Growth Rates

The average annual rates of real growth shown in Tables 1-4 of the Highlights are based on data in constant 1987 dollars in Tables I and II. The rates are calculated by a least-squares fit to all years of the decade of the log form (to the base 10) of the following "compound interest" equation:

$$Y = A(1 + r/100)^T,$$

or

$$\text{Log} Y = \text{Log} A + \text{Log}(1 + r/100) \times T,$$

where Y is military expenditures (etc.), A is the initial value for year 0, T is time in years, and r is the growth rate in percent. This formula was used in all cases to provide a consistent measure of change and is not necessarily the best fit for projection purposes.